APPENDIX M
Laboratory Reports (CD)

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: 05/26/2020
Client Project ID: 170384501
York Project (SDG) No.: 20E0588

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
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Report Date: 05/26/2020
Client Project ID: 170384501
York Project (SDG) No.: 20E0588

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 May 19, 2020 and listed below. The project was identified as your project: **170384501**.

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
20E0588-01	EP01_eI56	Soil	05/19/2020	05/19/2020
20E0588-02	EP04_eI56	Soil	05/19/2020	05/19/2020
20E0588-03	EP05_eI48	Soil	05/19/2020	05/19/2020
20E0588-04	EP07_eI56	Soil	05/19/2020	05/19/2020
20E0588-05	EP08_eI56	Soil	05/19/2020	05/19/2020
20E0588-06	EP09_eI56	Soil	05/19/2020	05/19/2020
20E0588-07	FB01_051920	Water	05/19/2020	05/19/2020
20E0588-08	TB01_051920	Water	05/19/2020	05/19/2020

General Notes for York Project (SDG) No.: 20E0588

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: 05/26/2020

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: EP01_eI56 **York Sample ID:** 20E0588-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 7:00 am	05/19/2020

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	05/20/2020 08:00	05/20/2020 12:56	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	05/20/2020 08:00	05/20/2020 12:56	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	05/20/2020 08:00	05/20/2020 12:56	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	05/20/2020 08:00	05/20/2020 12:56	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	05/20/2020 08:00	05/20/2020 12:56	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	05/20/2020 08:00	05/20/2020 12:56	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	05/20/2020 08:00	05/20/2020 12:56	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	05/20/2020 08:00	05/20/2020 12:56	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	05/20/2020 08:00	05/20/2020 12:56	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	05/20/2020 08:00	05/20/2020 12:56	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	05/20/2020 08:00	05/20/2020 12:56	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	05/20/2020 08:00	05/20/2020 12:56	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	05/20/2020 08:00	05/20/2020 12:56	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	05/20/2020 08:00	05/20/2020 12:56	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	05/20/2020 08:00	05/20/2020 12:56	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	05/20/2020 08:00	05/20/2020 12:56	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	05/20/2020 08:00	05/20/2020 12:56	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	05/20/2020 08:00	05/20/2020 12:56	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	05/20/2020 08:00	05/20/2020 12:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.040	0.081	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:56	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP01_eI56 **York Sample ID:** 20E0588-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 7:00 am	05/19/2020

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	05/20/2020 08:00	05/20/2020 12:56	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	05/20/2020 08:00	05/20/2020 12:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.033**	ICV-E	mg/kg dry	0.0040	0.0081	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:56	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:56	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	05/20/2020 08:00	05/20/2020 12:56	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	05/20/2020 08:00	05/20/2020 12:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:56	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	05/20/2020 08:00	05/20/2020 12:56	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	05/20/2020 08:00	05/20/2020 12:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:56	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:56	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:56	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:56	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP01_eI56 **York Sample ID:** 20E0588-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 7:00 am	05/19/2020

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	05/20/2020 08:00	05/20/2020 12:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:56	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:56	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	05/20/2020 08:00	05/20/2020 12:56	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	05/20/2020 08:00	05/20/2020 12:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:56	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:56	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	05/20/2020 08:00	05/20/2020 12:56	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	05/20/2020 08:00	05/20/2020 12:56	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	05/20/2020 08:00	05/20/2020 12:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:56	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	05/20/2020 08:00	05/20/2020 12:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:56	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	05/20/2020 08:00	05/20/2020 12:56	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:56	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	05/20/2020 08:00	05/20/2020 12:56	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	05/20/2020 08:00	05/20/2020 12:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP01_eI56 **York Sample ID:** 20E0588-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 7:00 am	05/19/2020

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	05/20/2020 08:00	05/20/2020 12:56	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	05/20/2020 08:00	05/20/2020 12:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*95.9 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*92.6 %*	*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	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0856	0.171	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0856	0.171	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0856	0.171	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP01_eI56 **York Sample ID:** 20E0588-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 7:00 am	05/19/2020

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	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0856	0.171	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0856	0.171	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0856	0.171	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0856	0.171	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0856	0.171	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.171	0.343	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.171	0.343	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP01_eI56 **York Sample ID:** 20E0588-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 7:00 am	05/19/2020

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	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0856	0.171	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0856	0.171	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP01_eI56 **York Sample ID:** 20E0588-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 7:00 am	05/19/2020

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	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.171	0.343	2	EPA 8270D	05/21/2020 07:55	05/22/2020 18:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*54.1 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*54.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*59.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*57.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*73.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*90.8 %*	*24-116*

Sample Information

Client Sample ID: EP01_eI56 **York Sample ID:** 20E0588-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 7:00 am	05/19/2020

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	0.00169	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:18	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00169	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:18	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00169	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:18	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		mg/kg dry	0.00169	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:18	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:18	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00169	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:18	CM
							Certifications: NELAC-NY10854,NJDEP			
319-85-7	beta-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:18	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	Chlordane, total	ND		mg/kg dry	0.0338	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:18	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:18	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		mg/kg dry	0.00169	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:18	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00169	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:18	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00169	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:18	CM
							Certifications: CTDOH,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00169	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:18	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		mg/kg dry	0.00169	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:18	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00169	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:18	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00169	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:18	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00169	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:18	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00169	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:18	CM
							Certifications: NELAC-NY10854,NJDEP			
76-44-8	Heptachlor	ND		mg/kg dry	0.00169	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:18	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00169	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:18	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00844	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:18	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: EP01_eI56 **York Sample ID:** 20E0588-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 7:00 am	05/19/2020

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
8001-35-2	Toxaphene	ND		mg/kg dry	0.0855	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:18	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*85.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*84.7 %*	*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**	**5560**		mg/kg dry	5.20	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.60	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.56	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**26.4**		mg/kg dry	2.60	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.052	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.312	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**2640**		mg/kg dry	5.20	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**12.9**		mg/kg dry	0.520	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**6.52**		mg/kg dry	0.416	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**34.4**		mg/kg dry	2.08	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**11300**		mg/kg dry	26.0	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**6.40**		mg/kg dry	0.520	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3220**		mg/kg dry	5.20	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**250**		mg/kg dry	0.520	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**26.1**		mg/kg dry	1.04	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1100**		mg/kg dry	5.20	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP01_eI56 **York Sample ID:** 20E0588-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 7:00 am	05/19/2020

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
7782-49-2	Selenium	ND		mg/kg dry	2.60	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:34	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.520	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:34	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**451**		mg/kg dry	52.0	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:34	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.60	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:34	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**21.2**		mg/kg dry	1.04	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:34	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**38.2**		mg/kg dry	2.60	1	EPA 6010D	05/20/2020 07:59	05/22/2020 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	0.0312	1	EPA 7473	05/20/2020 14:45	05/20/2020 16:26	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	0.520	1	EPA 7196A	05/21/2020 14:32	05/21/2020 17:48	ZTS
							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**	**12.9**		mg/kg	0.500	1	Calculation	05/26/2020 12:47	05/26/2020 13:53	PAM
							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	0.520	1	EPA 9014/9010C	05/20/2020 08:46	05/20/2020 14:00	JAG
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

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

Sample Information

Client Sample ID: **EP01_eI56** **York Sample ID:** **20E0588-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 7:00 am	05/19/2020

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.1**		%	0.100	1	SM 2540G	05/20/2020 08:52	05/20/2020 12:15	JAG
							Certifications: CTDOH			

Sample Information

Client Sample ID: EP04_eI56 **York Sample ID:** 20E0588-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 10:00 am	05/19/2020

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	05/20/2020 08:00	05/20/2020 13:23	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	05/20/2020 08:00	05/20/2020 13:23	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	05/20/2020 08:00	05/20/2020 13:23	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	05/20/2020 08:00	05/20/2020 13:23	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	05/20/2020 08:00	05/20/2020 13:23	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	05/20/2020 08:00	05/20/2020 13:23	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	05/20/2020 08:00	05/20/2020 13:23	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	05/20/2020 08:00	05/20/2020 13:23	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	05/20/2020 08:00	05/20/2020 13:23	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	05/20/2020 08:00	05/20/2020 13:23	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	05/20/2020 08:00	05/20/2020 13:23	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	05/20/2020 08:00	05/20/2020 13:23	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	05/20/2020 08:00	05/20/2020 13:23	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	05/20/2020 08:00	05/20/2020 13:23	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	05/20/2020 08:00	05/20/2020 13:23	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	05/20/2020 08:00	05/20/2020 13:23	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	05/20/2020 08:00	05/20/2020 13:23	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	05/20/2020 08:00	05/20/2020 13:23	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	05/20/2020 08:00	05/20/2020 13:23	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	05/20/2020 08:00	05/20/2020 13:23	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:23	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP04_eI56 **York Sample ID:** 20E0588-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 10:00 am	05/19/2020

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	05/20/2020 08:00	05/20/2020 13:23	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	05/20/2020 08:00	05/20/2020 13:23	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.054**	ICV-E	mg/kg dry	0.0044	0.0088	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:23	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:23	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:23	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:23	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:23	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:23	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:23	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:23	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	05/20/2020 08:00	05/20/2020 13:23	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	05/20/2020 08:00	05/20/2020 13:23	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:23	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:23	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:23	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:23	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	05/20/2020 08:00	05/20/2020 13:23	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	05/20/2020 08:00	05/20/2020 13:23	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:23	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:23	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:23	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:23	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP04_eI56 **York Sample ID:** 20E0588-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 10:00 am	05/19/2020

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	05/20/2020 08:00	05/20/2020 13:23	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:23	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:23	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	05/20/2020 08:00	05/20/2020 13:23	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	05/20/2020 08:00	05/20/2020 13:23	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:23	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:23	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	05/20/2020 08:00	05/20/2020 13:23	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	05/20/2020 08:00	05/20/2020 13:23	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	05/20/2020 08:00	05/20/2020 13:23	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	05/20/2020 08:00	05/20/2020 13:23	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:23	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	05/20/2020 08:00	05/20/2020 13:23	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:23	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	05/20/2020 08:00	05/20/2020 13:23	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:23	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:23	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:23	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	05/20/2020 08:00	05/20/2020 13:23	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	05/20/2020 08:00	05/20/2020 13:23	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:23	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:23	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP04_eI56 **York Sample ID:** 20E0588-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 10:00 am	05/19/2020

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	05/20/2020 08:00	05/20/2020 13:23	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	05/20/2020 08:00	05/20/2020 13:23	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*93.3 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*92.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.6 %*	*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	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0911	0.182	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0911	0.182	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0911	0.182	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP04_eI56 **York Sample ID:** 20E0588-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 10:00 am	05/19/2020

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	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0911	0.182	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0911	0.182	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0911	0.182	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0911	0.182	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0911	0.182	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.182	0.365	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.182	0.365	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP04_eI56 **York Sample ID:** 20E0588-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 10:00 am	05/19/2020

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	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0911	0.182	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0911	0.182	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP04_eI56 **York Sample ID:** 20E0588-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 10:00 am	05/19/2020

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	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.182	0.365	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:12	OW
								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*	*71.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*75.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*71.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*84.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*92.4 %*	*24-116*

Sample Information

Client Sample ID: EP04_eI56 **York Sample ID:** 20E0588-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 10:00 am	05/19/2020

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	0.00180	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:35	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00180	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:35	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00180	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:35	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:35	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:35	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:35	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:35	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0360	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:35	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:35	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:35	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00180	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:35	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00180	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:35	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00180	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:35	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00180	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:35	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00180	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:35	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00180	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:35	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00180	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:35	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:35	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00180	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:35	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00180	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:35	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00901	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:35	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP04_eI56 **York Sample ID:** 20E0588-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 10:00 am	05/19/2020

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
8001-35-2	Toxaphene	ND		mg/kg dry	0.0912	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:35	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*76.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.4 %*	*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**	**6730**		mg/kg dry	5.53	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:36	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.77	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:36	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.66	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:36	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**39.9**		mg/kg dry	2.77	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:36	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.055	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:36	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.332	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:36	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**2130**		mg/kg dry	5.53	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:36	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**18.7**		mg/kg dry	0.553	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:36	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**9.25**		mg/kg dry	0.443	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:36	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**28.2**		mg/kg dry	2.21	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:36	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**16200**		mg/kg dry	27.7	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:36	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**16.2**		mg/kg dry	0.553	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:36	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3680**		mg/kg dry	5.53	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:36	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**278**		mg/kg dry	0.553	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:36	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**36.9**		mg/kg dry	1.11	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:36	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1910**		mg/kg dry	5.53	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:36	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP04_eI56 **York Sample ID:** 20E0588-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 10:00 am	05/19/2020

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
7782-49-2	Selenium	ND		mg/kg dry	2.77	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:36	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.553	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:36	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**150**		mg/kg dry	55.3	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:36	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.77	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:36	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**29.9**		mg/kg dry	1.11	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:36	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**43.9**		mg/kg dry	2.77	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:36	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	0.0332	1	EPA 7473	05/20/2020 14:45	05/20/2020 16:35	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	0.553	1	EPA 7196A	05/21/2020 14:32	05/21/2020 17:48	ZTS
							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**	**18.7**		mg/kg	0.500	1	Calculation	05/26/2020 12:47	05/26/2020 13:53	PAM
							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	0.553	1	EPA 9014/9010C	05/20/2020 08:46	05/20/2020 14:00	JAG
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

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

Sample Information

Client Sample ID: **EP04_eI56** **York Sample ID:** **20E0588-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 10:00 am	05/19/2020

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**	**90.4**		%	0.100	1	SM 2540G	05/20/2020 08:52	05/20/2020 12:15	JAG
							Certifications: CTDOH			

Sample Information

Client Sample ID: EP05_eI48 **York Sample ID:** 20E0588-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 11:00 am	05/19/2020

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	05/20/2020 08:00	05/20/2020 13:49	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	05/20/2020 08:00	05/20/2020 13:49	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	05/20/2020 08:00	05/20/2020 13:49	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	0.0026	0.0051	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:49	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	05/20/2020 08:00	05/20/2020 13:49	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	05/20/2020 08:00	05/20/2020 13:49	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	05/20/2020 08:00	05/20/2020 13:49	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	05/20/2020 08:00	05/20/2020 13:49	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	05/20/2020 08:00	05/20/2020 13:49	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	05/20/2020 08:00	05/20/2020 13:49	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	05/20/2020 08:00	05/20/2020 13:49	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	05/20/2020 08:00	05/20/2020 13:49	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	05/20/2020 08:00	05/20/2020 13:49	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	05/20/2020 08:00	05/20/2020 13:49	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	05/20/2020 08:00	05/20/2020 13:49	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	05/20/2020 08:00	05/20/2020 13:49	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	05/20/2020 08:00	05/20/2020 13:49	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	05/20/2020 08:00	05/20/2020 13:49	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	05/20/2020 08:00	05/20/2020 13:49	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	05/20/2020 08:00	05/20/2020 13:49	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP05_eI48 **York Sample ID:** 20E0588-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 11:00 am	05/19/2020

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	05/20/2020 08:00	05/20/2020 13:49	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	05/20/2020 08:00	05/20/2020 13:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.049**	ICV-E	mg/kg dry	0.0051	0.010	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:49	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:49	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	05/20/2020 08:00	05/20/2020 13:49	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	05/20/2020 08:00	05/20/2020 13:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:49	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	05/20/2020 08:00	05/20/2020 13:49	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	05/20/2020 08:00	05/20/2020 13:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:49	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:49	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:49	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:49	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP05_eI48 **York Sample ID:** 20E0588-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 11:00 am	05/19/2020

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	05/20/2020 08:00	05/20/2020 13:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:49	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:49	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	05/20/2020 08:00	05/20/2020 13:49	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	05/20/2020 08:00	05/20/2020 13:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:49	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:49	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	05/20/2020 08:00	05/20/2020 13:49	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	05/20/2020 08:00	05/20/2020 13:49	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	05/20/2020 08:00	05/20/2020 13:49	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	05/20/2020 08:00	05/20/2020 13:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:49	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	05/20/2020 08:00	05/20/2020 13:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:49	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	05/20/2020 08:00	05/20/2020 13:49	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:49	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	05/20/2020 08:00	05/20/2020 13:49	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	05/20/2020 08:00	05/20/2020 13:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP05_eI48 **York Sample ID:** 20E0588-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 11:00 am	05/19/2020

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	05/20/2020 08:00	05/20/2020 13:49	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	05/20/2020 08:00	05/20/2020 13:49	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*94.9 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*92.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.5 %*	*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	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0984	0.196	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0984	0.196	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0984	0.196	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP05_eI48 **York Sample ID:** 20E0588-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 11:00 am	05/19/2020

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	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0984	0.196	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0984	0.196	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0984	0.196	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0984	0.196	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0984	0.196	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.197	0.394	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.197	0.394	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP05_eI48 **York Sample ID:** 20E0588-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 11:00 am	05/19/2020

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	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0984	0.196	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0984	0.196	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP05_eI48 **York Sample ID:** 20E0588-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 11:00 am	05/19/2020

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	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0493	0.0984	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.197	0.394	2	EPA 8270D	05/21/2020 07:55	05/22/2020 19:44	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*56.8 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*58.3 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*61.9 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*61.3 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*75.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*86.9 %*	*24-116*

Sample Information

Client Sample ID: EP05_eI48 **York Sample ID:** 20E0588-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 11:00 am	05/19/2020

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	0.00195	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:52	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00195	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:52	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00195	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:52	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00195	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:52	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00195	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:52	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00195	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:52	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00195	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:52	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0389	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:52	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00195	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:52	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00195	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:52	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00195	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:52	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00195	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:52	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00195	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:52	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00195	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:52	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00195	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:52	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00195	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:52	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00195	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:52	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00195	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:52	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00195	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:52	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00195	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:52	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00973	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:52	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP05_eI48 **York Sample ID:** 20E0588-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 11:00 am	05/19/2020

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
8001-35-2	Toxaphene	ND		mg/kg dry	0.0985	5	EPA 8081B	05/21/2020 07:52	05/22/2020 17:52	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*86.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*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**	**5960**		mg/kg dry	6.00	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:39	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	3.00	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:39	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.80	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:39	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**49.7**		mg/kg dry	3.00	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:39	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.060	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:39	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.360	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:39	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1940**		mg/kg dry	6.00	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:39	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**17.6**		mg/kg dry	0.600	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:39	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**10.1**		mg/kg dry	0.480	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:39	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**23.9**		mg/kg dry	2.40	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:39	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**13300**		mg/kg dry	30.0	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:39	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**13.2**		mg/kg dry	0.600	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:39	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3750**		mg/kg dry	6.00	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:39	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**297**		mg/kg dry	0.600	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:39	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**58.2**		mg/kg dry	1.20	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:39	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1570**		mg/kg dry	6.00	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:39	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP05_eI48 **York Sample ID:** 20E0588-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 11:00 am	05/19/2020

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
7782-49-2	Selenium	ND		mg/kg dry	3.00	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:39	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.600	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:39	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**195**		mg/kg dry	60.0	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:39	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	3.00	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:39	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**24.7**		mg/kg dry	1.20	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:39	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**42.8**		mg/kg dry	3.00	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:39	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	0.0360	1	EPA 7473	05/20/2020 14:45	05/20/2020 16:44	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	0.600	1	EPA 7196A	05/21/2020 14:32	05/21/2020 17:48	ZTS
							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**	**17.6**		mg/kg	0.500	1	Calculation	05/26/2020 12:47	05/26/2020 13:53	PAM
							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	0.600	1	EPA 9014/9010C	05/20/2020 08:46	05/20/2020 14:00	JAG
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

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

Sample Information

Client Sample ID: **EP05_eI48** **York Sample ID:** **20E0588-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 11:00 am	05/19/2020

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**	**83.4**		%	0.100	1	SM 2540G	05/20/2020 08:52	05/20/2020 12:15	JAG
							Certifications: CTDOH			

Sample Information

Client Sample ID: EP07_eI56 **York Sample ID:** 20E0588-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 1:00 pm	05/19/2020

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	05/20/2020 08:00	05/20/2020 14:19	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	05/20/2020 08:00	05/20/2020 14:19	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	05/20/2020 08:00	05/20/2020 14:19	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	05/20/2020 08:00	05/20/2020 14:19	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	05/20/2020 08:00	05/20/2020 14:19	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	05/20/2020 08:00	05/20/2020 14:19	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	05/20/2020 08:00	05/20/2020 14:19	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	05/20/2020 08:00	05/20/2020 14:19	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	05/20/2020 08:00	05/20/2020 14:19	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	05/20/2020 08:00	05/20/2020 14:19	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	05/20/2020 08:00	05/20/2020 14:19	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	05/20/2020 08:00	05/20/2020 14:19	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	05/20/2020 08:00	05/20/2020 14:19	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	05/20/2020 08:00	05/20/2020 14:19	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	05/20/2020 08:00	05/20/2020 14:19	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	05/20/2020 08:00	05/20/2020 14:19	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	05/20/2020 08:00	05/20/2020 14:19	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	05/20/2020 08:00	05/20/2020 14:19	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	05/20/2020 08:00	05/20/2020 14:19	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	05/20/2020 08:00	05/20/2020 14:19	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/20/2020 08:00	05/20/2020 14:19	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP07_eI56 **York Sample ID:** 20E0588-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 1:00 pm	05/19/2020

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	05/20/2020 08:00	05/20/2020 14:19	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	05/20/2020 08:00	05/20/2020 14:19	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.054**	ICV-E	mg/kg dry	0.0050	0.010	1	EPA 8260C	05/20/2020 08:00	05/20/2020 14:19	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	05/20/2020 08:00	05/20/2020 14:19	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/20/2020 08:00	05/20/2020 14:19	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/20/2020 08:00	05/20/2020 14:19	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/20/2020 08:00	05/20/2020 14:19	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/20/2020 08:00	05/20/2020 14:19	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/20/2020 08:00	05/20/2020 14:19	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/20/2020 08:00	05/20/2020 14:19	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	05/20/2020 08:00	05/20/2020 14:19	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	05/20/2020 08:00	05/20/2020 14:19	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/20/2020 08:00	05/20/2020 14:19	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/20/2020 08:00	05/20/2020 14:19	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/20/2020 08:00	05/20/2020 14:19	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/20/2020 08:00	05/20/2020 14:19	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	05/20/2020 08:00	05/20/2020 14:19	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	05/20/2020 08:00	05/20/2020 14:19	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/20/2020 08:00	05/20/2020 14:19	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/20/2020 08:00	05/20/2020 14:19	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/20/2020 08:00	05/20/2020 14:19	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/20/2020 08:00	05/20/2020 14:19	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP07_eI56 **York Sample ID:** 20E0588-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 1:00 pm	05/19/2020

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	05/20/2020 08:00	05/20/2020 14:19	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/20/2020 08:00	05/20/2020 14:19	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/20/2020 08:00	05/20/2020 14:19	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	**Methyl acetate**	**0.0026**	J	mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/20/2020 08:00	05/20/2020 14:19	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	05/20/2020 08:00	05/20/2020 14:19	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/20/2020 08:00	05/20/2020 14:19	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	05/20/2020 08:00	05/20/2020 14:19	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	05/20/2020 08:00	05/20/2020 14:19	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	05/20/2020 08:00	05/20/2020 14:19	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	05/20/2020 08:00	05/20/2020 14:19	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	05/20/2020 08:00	05/20/2020 14:19	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/20/2020 08:00	05/20/2020 14:19	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	05/20/2020 08:00	05/20/2020 14:19	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/20/2020 08:00	05/20/2020 14:19	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	05/20/2020 08:00	05/20/2020 14:19	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/20/2020 08:00	05/20/2020 14:19	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/20/2020 08:00	05/20/2020 14:19	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/20/2020 08:00	05/20/2020 14:19	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	05/20/2020 08:00	05/20/2020 14:19	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	05/20/2020 08:00	05/20/2020 14:19	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/20/2020 08:00	05/20/2020 14:19	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	05/20/2020 08:00	05/20/2020 14:19	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP07_eI56 **York Sample ID:** 20E0588-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 1:00 pm	05/19/2020

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	05/20/2020 08:00	05/20/2020 14:19	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	05/20/2020 08:00	05/20/2020 14:19	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.0 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*92.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*93.5 %*	*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	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP07_eI56 **York Sample ID:** 20E0588-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 1:00 pm	05/19/2020

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	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.175	0.350	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.175	0.350	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP07_eI56 **York Sample ID:** 20E0588-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 1:00 pm	05/19/2020

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	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP07_eI56 **York Sample ID:** 20E0588-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 1:00 pm	05/19/2020

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	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.175	0.350	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*62.1 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*63.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*67.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*79.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*95.3 %*	*24-116*

Sample Information

Client Sample ID: EP07_eI56 **York Sample ID:** 20E0588-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 1:00 pm	05/19/2020

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	05/21/2020 07:52	05/22/2020 18:09	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00173	5	EPA 8081B	05/21/2020 07:52	05/22/2020 18:09	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00173	5	EPA 8081B	05/21/2020 07:52	05/22/2020 18:09	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	05/21/2020 07:52	05/22/2020 18:09	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	05/21/2020 07:52	05/22/2020 18:09	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B	05/21/2020 07:52	05/22/2020 18:09	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	05/21/2020 07:52	05/22/2020 18:09	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0346	5	EPA 8081B	05/21/2020 07:52	05/22/2020 18:09	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	05/21/2020 07:52	05/22/2020 18:09	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	05/21/2020 07:52	05/22/2020 18:09	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00173	5	EPA 8081B	05/21/2020 07:52	05/22/2020 18:09	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00173	5	EPA 8081B	05/21/2020 07:52	05/22/2020 18:09	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00173	5	EPA 8081B	05/21/2020 07:52	05/22/2020 18:09	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00173	5	EPA 8081B	05/21/2020 07:52	05/22/2020 18:09	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00173	5	EPA 8081B	05/21/2020 07:52	05/22/2020 18:09	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00173	5	EPA 8081B	05/21/2020 07:52	05/22/2020 18:09	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00173	5	EPA 8081B	05/21/2020 07:52	05/22/2020 18:09	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B	05/21/2020 07:52	05/22/2020 18:09	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00173	5	EPA 8081B	05/21/2020 07:52	05/22/2020 18:09	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00173	5	EPA 8081B	05/21/2020 07:52	05/22/2020 18:09	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00865	5	EPA 8081B	05/21/2020 07:52	05/22/2020 18:09	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP07_eI56 **York Sample ID:** 20E0588-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 1:00 pm	05/19/2020

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
8001-35-2	Toxaphene	ND		mg/kg dry	0.0876	5	EPA 8081B	05/21/2020 07:52	05/22/2020 18:09	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*88.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*87.3 %*	*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**	**5820**		mg/kg dry	5.26	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.63	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**1.81**		mg/kg dry	1.58	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**31.5**		mg/kg dry	2.63	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.053	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.316	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1710**		mg/kg dry	5.26	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**20.8**		mg/kg dry	0.526	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.11**		mg/kg dry	0.421	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**23.9**		mg/kg dry	2.10	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**13400**		mg/kg dry	26.3	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**9.98**		mg/kg dry	0.526	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**4570**		mg/kg dry	5.26	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**276**		mg/kg dry	0.526	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**44.2**		mg/kg dry	1.05	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1370**		mg/kg dry	5.26	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP07_eI56 **York Sample ID:** 20E0588-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 1:00 pm	05/19/2020

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
7782-49-2	Selenium	ND		mg/kg dry	2.63	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:41	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.526	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:41	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**164**		mg/kg dry	52.6	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:41	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.63	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:41	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**20.1**		mg/kg dry	1.05	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:41	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**48.1**		mg/kg dry	2.63	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:41	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	ND		mg/kg dry	0.0316	1	EPA 7473	05/20/2020 14:45	05/20/2020 16:52	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	0.526	1	EPA 7196A	05/21/2020 14:32	05/21/2020 17:48	ZTS
							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**	**20.8**		mg/kg	0.500	1	Calculation	05/26/2020 12:47	05/26/2020 13:53	PAM
							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	0.526	1	EPA 9014/9010C	05/20/2020 08:46	05/20/2020 14:00	JAG
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

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

Sample Information

Client Sample ID: **EP07_eI56** **York Sample ID:** **20E0588-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 1:00 pm	05/19/2020

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.0**		%	0.100	1	SM 2540G	05/20/2020 08:52	05/20/2020 12:15	JAG
							Certifications: CTDOH			

Sample Information

Client Sample ID: EP08_eI56 **York Sample ID:** 20E0588-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 2:00 pm	05/19/2020

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	05/20/2020 08:00	05/20/2020 15:11	AB
								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	05/20/2020 08:00	05/20/2020 15:11	AB
								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	05/20/2020 08:00	05/20/2020 15:11	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	0.0021	0.0043	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:11	AB
								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	05/20/2020 08:00	05/20/2020 15:11	AB
								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	05/20/2020 08:00	05/20/2020 15:11	AB
								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	05/20/2020 08:00	05/20/2020 15:11	AB
								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	05/20/2020 08:00	05/20/2020 15:11	AB
								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	05/20/2020 08:00	05/20/2020 15:11	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:11	AB
								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	05/20/2020 08:00	05/20/2020 15:11	AB
								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	05/20/2020 08:00	05/20/2020 15:11	AB
								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	05/20/2020 08:00	05/20/2020 15:11	AB
								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	05/20/2020 08:00	05/20/2020 15:11	AB
								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	05/20/2020 08:00	05/20/2020 15:11	AB
								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	05/20/2020 08:00	05/20/2020 15:11	AB
								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	05/20/2020 08:00	05/20/2020 15:11	AB
								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	05/20/2020 08:00	05/20/2020 15:11	AB
								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	05/20/2020 08:00	05/20/2020 15:11	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.043	0.086	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:11	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:11	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP08_eI56 **York Sample ID:** 20E0588-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 2:00 pm	05/19/2020

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	05/20/2020 08:00	05/20/2020 15:11	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	**4-Methyl-2-pentanone**	**0.0046**	B	mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:11	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.12**	ICV-E	mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:11	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:11	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:11	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:11	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:11	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:11	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:11	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:11	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:11	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:11	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:11	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:11	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:11	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:11	AB
								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	05/20/2020 08:00	05/20/2020 15:11	AB
								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	05/20/2020 08:00	05/20/2020 15:11	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:11	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:11	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:11	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:11	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP08_eI56 **York Sample ID:** 20E0588-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 2:00 pm	05/19/2020

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	05/20/2020 08:00	05/20/2020 15:11	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:11	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:11	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	**Methyl acetate**	**0.0075**		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:11	AB
								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	05/20/2020 08:00	05/20/2020 15:11	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:11	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:11	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:11	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:11	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:11	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:11	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:11	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:11	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:11	AB
								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	05/20/2020 08:00	05/20/2020 15:11	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:11	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:11	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	**Toluene**	**0.0024**	J	mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:11	AB
								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	05/20/2020 08:00	05/20/2020 15:11	AB
								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	05/20/2020 08:00	05/20/2020 15:11	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:11	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:11	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP08_eI56 **York Sample ID:** 20E0588-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 2:00 pm	05/19/2020

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	05/20/2020 08:00	05/20/2020 15:11	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0064	0.013	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:11	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.7 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*92.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.7 %*	*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	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP08_eI56 **York Sample ID:** 20E0588-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 2:00 pm	05/19/2020

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	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**0.0966**		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.0959**		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.178	0.356	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.269**		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.178	0.356	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.705**		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP08_eI56 **York Sample ID:** 20E0588-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 2:00 pm	05/19/2020

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**	**0.701**		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.566**		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.436**		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.571**		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.247**		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**0.100**		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.657**		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.0995**		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**0.0661**	J	mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**1.61**		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP08_eI56 **York Sample ID:** 20E0588-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 2:00 pm	05/19/2020

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**	**0.100**		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.491**		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**0.0632**	J	mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**1.16**		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**1.32**		mg/kg dry	0.0446	0.0889	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.178	0.356	2	EPA 8270D	05/21/2020 07:55	05/22/2020 20:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*68.9 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*72.1 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*74.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*73.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*77.3 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*90.0 %*	*24-116*

Sample Information

Client Sample ID: EP08_eI56 **York Sample ID:** 20E0588-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 2:00 pm	05/19/2020

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	0.00179	5	EPA 8081B	05/21/2020 07:52	05/22/2020 15:04	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	**4,4'-DDE**	**0.0532**		mg/kg dry	0.00179	5	EPA 8081B	05/21/2020 07:52	05/22/2020 15:04	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00179	5	EPA 8081B	05/21/2020 07:52	05/22/2020 15:04	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	05/21/2020 07:52	05/22/2020 15:04	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	05/21/2020 07:52	05/22/2020 15:04	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	05/21/2020 07:52	05/22/2020 15:04	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	05/21/2020 07:52	05/22/2020 15:04	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0358	5	EPA 8081B	05/21/2020 07:52	05/22/2020 15:04	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	05/21/2020 07:52	05/22/2020 15:04	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	05/21/2020 07:52	05/22/2020 15:04	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00179	5	EPA 8081B	05/21/2020 07:52	05/22/2020 15:04	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00179	5	EPA 8081B	05/21/2020 07:52	05/22/2020 15:04	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00179	5	EPA 8081B	05/21/2020 07:52	05/22/2020 15:04	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00179	5	EPA 8081B	05/21/2020 07:52	05/22/2020 15:04	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00179	5	EPA 8081B	05/21/2020 07:52	05/22/2020 15:04	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00179	5	EPA 8081B	05/21/2020 07:52	05/22/2020 15:04	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00179	5	EPA 8081B	05/21/2020 07:52	05/22/2020 15:04	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	05/21/2020 07:52	05/22/2020 15:04	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	**Heptachlor**	**0.00935**		mg/kg dry	0.00179	5	EPA 8081B	05/21/2020 07:52	05/22/2020 15:04	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00179	5	EPA 8081B	05/21/2020 07:52	05/22/2020 15:04	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00894	5	EPA 8081B	05/21/2020 07:52	05/22/2020 15:04	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP08_eI56 **York Sample ID:** 20E0588-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 2:00 pm	05/19/2020

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
8001-35-2	Toxaphene	ND		mg/kg dry	0.0905	5	EPA 8081B	05/21/2020 07:52	05/22/2020 15:04	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*642 %*	S-GC	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*53.8 %*		*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**	**8300**		mg/kg dry	5.44	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.72	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**1.72**		mg/kg dry	1.63	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**106**		mg/kg dry	2.72	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.054	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.326	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**7510**		mg/kg dry	5.44	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**22.2**		mg/kg dry	0.544	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**9.12**		mg/kg dry	0.435	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**33.3**		mg/kg dry	2.17	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**16200**		mg/kg dry	27.2	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**129**		mg/kg dry	0.544	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**4170**		mg/kg dry	5.44	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**358**		mg/kg dry	0.544	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**39.7**		mg/kg dry	1.09	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1580**		mg/kg dry	5.44	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP08_eI56 **York Sample ID:** 20E0588-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 2:00 pm	05/19/2020

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
7782-49-2	Selenium	ND		mg/kg dry	2.72	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.544	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**367**		mg/kg dry	54.4	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.72	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**34.3**		mg/kg dry	1.09	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**101**		mg/kg dry	2.72	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:43	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**	**0.0963**		mg/kg dry	0.0326	1	EPA 7473	05/20/2020 14:45	05/20/2020 17:01	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	0.544	1	EPA 7196A	05/21/2020 14:32	05/21/2020 17:48	ZTS
							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	05/26/2020 12:47	05/26/2020 13:53	PAM
							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	0.544	1	EPA 9014/9010C	05/20/2020 08:46	05/20/2020 14:00	JAG
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

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

Sample Information

Client Sample ID: **EP08_eI56** **York Sample ID:** **20E0588-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 2:00 pm	05/19/2020

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**	**92.0**		%	0.100	1	SM 2540G	05/20/2020 08:52	05/20/2020 12:15	JAG
							Certifications: CTDOH			

Sample Information

Client Sample ID: EP09_eI56 **York Sample ID:** 20E0588-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 3:00 pm	05/19/2020

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	05/20/2020 08:00	05/20/2020 15:38	AB
								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	05/20/2020 08:00	05/20/2020 15:38	AB
								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	05/20/2020 08:00	05/20/2020 15:38	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	0.0046	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:38	AB
								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	05/20/2020 08:00	05/20/2020 15:38	AB
								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	05/20/2020 08:00	05/20/2020 15:38	AB
								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	05/20/2020 08:00	05/20/2020 15:38	AB
								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	05/20/2020 08:00	05/20/2020 15:38	AB
								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	05/20/2020 08:00	05/20/2020 15:38	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:38	AB
								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	05/20/2020 08:00	05/20/2020 15:38	AB
								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	05/20/2020 08:00	05/20/2020 15:38	AB
								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	05/20/2020 08:00	05/20/2020 15:38	AB
								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	05/20/2020 08:00	05/20/2020 15:38	AB
								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	05/20/2020 08:00	05/20/2020 15:38	AB
								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	05/20/2020 08:00	05/20/2020 15:38	AB
								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	05/20/2020 08:00	05/20/2020 15:38	AB
								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	05/20/2020 08:00	05/20/2020 15:38	AB
								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	05/20/2020 08:00	05/20/2020 15:38	AB
								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	05/20/2020 08:00	05/20/2020 15:38	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP09_eI56 **York Sample ID:** 20E0588-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 3:00 pm	05/19/2020

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	05/20/2020 08:00	05/20/2020 15:38	AB
								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	05/20/2020 08:00	05/20/2020 15:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.041**	ICV-E	mg/kg dry	0.0046	0.0092	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:38	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:38	AB
								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	05/20/2020 08:00	05/20/2020 15:38	AB
								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	05/20/2020 08:00	05/20/2020 15:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:38	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:38	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:38	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:38	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP09_eI56 **York Sample ID:** 20E0588-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 3:00 pm	05/19/2020

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	05/20/2020 08:00	05/20/2020 15:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:38	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:38	AB
								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	05/20/2020 08:00	05/20/2020 15:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:38	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:38	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	05/20/2020 08:00	05/20/2020 15:38	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:38	AB
								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	05/20/2020 08:00	05/20/2020 15:38	AB
								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	05/20/2020 08:00	05/20/2020 15:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP09_eI56 **York Sample ID:** 20E0588-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 3:00 pm	05/19/2020

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	05/20/2020 08:00	05/20/2020 15:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0069	0.014	1	EPA 8260C	05/20/2020 08:00	05/20/2020 15:38	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.6 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*91.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.6 %*	*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	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP09_eI56 **York Sample ID:** 20E0588-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 3:00 pm	05/19/2020

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	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								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	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.184	0.369	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.184	0.369	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP09_eI56 **York Sample ID:** 20E0588-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 3:00 pm	05/19/2020

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	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								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	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP09_eI56 **York Sample ID:** 20E0588-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 3:00 pm	05/19/2020

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	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								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	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								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	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.184	0.369	2	EPA 8270D	05/21/2020 07:55	05/22/2020 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*62.8 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*64.1 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*68.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*64.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*82.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*85.8 %*	*24-116*

Sample Information

Client Sample ID: EP09_eI56 **York Sample ID:** 20E0588-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 3:00 pm	05/19/2020

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	05/21/2020 07:52	05/22/2020 18:25	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00183	5	EPA 8081B	05/21/2020 07:52	05/22/2020 18:25	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00183	5	EPA 8081B	05/21/2020 07:52	05/22/2020 18:25	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	05/21/2020 07:52	05/22/2020 18:25	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	05/21/2020 07:52	05/22/2020 18:25	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B	05/21/2020 07:52	05/22/2020 18:25	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	05/21/2020 07:52	05/22/2020 18:25	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0367	5	EPA 8081B	05/21/2020 07:52	05/22/2020 18:25	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	05/21/2020 07:52	05/22/2020 18:25	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	05/21/2020 07:52	05/22/2020 18:25	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00183	5	EPA 8081B	05/21/2020 07:52	05/22/2020 18:25	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00183	5	EPA 8081B	05/21/2020 07:52	05/22/2020 18:25	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00183	5	EPA 8081B	05/21/2020 07:52	05/22/2020 18:25	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00183	5	EPA 8081B	05/21/2020 07:52	05/22/2020 18:25	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00183	5	EPA 8081B	05/21/2020 07:52	05/22/2020 18:25	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00183	5	EPA 8081B	05/21/2020 07:52	05/22/2020 18:25	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00183	5	EPA 8081B	05/21/2020 07:52	05/22/2020 18:25	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B	05/21/2020 07:52	05/22/2020 18:25	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00183	5	EPA 8081B	05/21/2020 07:52	05/22/2020 18:25	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00183	5	EPA 8081B	05/21/2020 07:52	05/22/2020 18:25	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00916	5	EPA 8081B	05/21/2020 07:52	05/22/2020 18:25	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP09_eI56 **York Sample ID:** 20E0588-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 3:00 pm	05/19/2020

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
8001-35-2	Toxaphene	ND		mg/kg dry	0.0928	5	EPA 8081B	05/21/2020 07:52	05/22/2020 18:25	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*84.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.1 %*	*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**	**6310**		mg/kg dry	5.67	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.83	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**2.00**		mg/kg dry	1.70	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**48.7**		mg/kg dry	2.83	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.057	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.340	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**2160**		mg/kg dry	5.67	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**16.3**		mg/kg dry	0.567	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.48**		mg/kg dry	0.453	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**20.5**		mg/kg dry	2.27	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**13200**		mg/kg dry	28.3	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**18.8**		mg/kg dry	0.567	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**4360**		mg/kg dry	5.67	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**324**		mg/kg dry	0.567	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**42.3**		mg/kg dry	1.13	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1450**		mg/kg dry	5.67	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP09_eI56 **York Sample ID:** 20E0588-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 3:00 pm	05/19/2020

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
7782-49-2	Selenium	ND		mg/kg dry	2.83	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.567	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**266**		mg/kg dry	56.7	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.83	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**26.4**		mg/kg dry	1.13	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**37.8**		mg/kg dry	2.83	1	EPA 6010D	05/20/2020 07:59	05/22/2020 13:46	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	05/20/2020 14:45	05/20/2020 17:10	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	0.567	1	EPA 7196A	05/21/2020 14:32	05/21/2020 17:48	ZTS
							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**	**16.3**		mg/kg	0.500	1	Calculation	05/26/2020 12:47	05/26/2020 13:53	PAM
							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	0.567	1	EPA 9014/9010C	05/20/2020 08:46	05/20/2020 14:00	JAG
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

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

Sample Information

Client Sample ID: **EP09_eI56** **York Sample ID:** **20E0588-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Soil	May 19, 2020 3:00 pm	05/19/2020

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	05/20/2020 08:52	05/20/2020 12:15	JAG
							Certifications: CTDOH			

Sample Information

Client Sample ID: FB01_051920 **York Sample ID:** 20E0588-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Water	May 19, 2020 7:01 am	05/19/2020

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	05/20/2020 08:00	05/20/2020 12:44	SS
								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	05/20/2020 08:00	05/20/2020 12:44	SS
								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	05/20/2020 08:00	05/20/2020 12:44	SS
								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	05/20/2020 08:00	05/20/2020 12:44	SS
								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	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								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	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								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	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								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	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: FB01_051920 **York Sample ID:** 20E0588-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Water	May 19, 2020 7:01 am	05/19/2020

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	05/20/2020 08:00	05/20/2020 12:44	SS
								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	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								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	05/20/2020 08:00	05/20/2020 12:44	SS
								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	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: FB01_051920 **York Sample ID:** 20E0588-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Water	May 19, 2020 7:01 am	05/19/2020

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	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								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	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								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	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								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	05/20/2020 08:00	05/20/2020 12:44	SS
								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	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: FB01_051920 **York Sample ID:** 20E0588-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Water	May 19, 2020 7:01 am	05/19/2020

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	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	05/20/2020 08:00	05/20/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*94.0 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.5 %*	*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	5.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	5.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	5.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	5.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	5.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	5.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	5.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	5.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: FB01_051920 **York Sample ID:** 20E0588-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Water	May 19, 2020 7:01 am	05/19/2020

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	5.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	5.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	5.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	5.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	5.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	5.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	5.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	5.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	5.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	5.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	5.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	5.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	10.0	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	5.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	5.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	5.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	10.0	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	5.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	5.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	5.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: FB01_051920 **York Sample ID:** 20E0588-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Water	May 19, 2020 7:01 am	05/19/2020

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	5.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	5.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	5.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	5.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	5.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	NELAC-NY10854,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	10.0	20.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	5.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	5.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	5.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	5.00	10.0	1	EPA 8270D	05/22/2020 08:23	05/22/2020 16:30	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*46.4 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*32.2 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*74.5 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*69.8 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*86.8 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*91.6 %*	*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: FB01_051920 **York Sample ID:** 20E0588-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Water	May 19, 2020 7:01 am	05/19/2020

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	0.100	1	EPA 8270D SIM	05/22/2020 08:23	05/22/2020 14:43	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/L	0.100	1	EPA 8270D SIM	05/22/2020 08:23	05/22/2020 14:43	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-12-7	Anthracene	ND		ug/L	0.100	1	EPA 8270D SIM	05/22/2020 08:23	05/22/2020 14:43	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1912-24-9	Atrazine	ND		ug/L	1.00	1	EPA 8270D SIM	05/22/2020 08:23	05/22/2020 14:43	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.100	1	EPA 8270D SIM	05/22/2020 08:23	05/22/2020 14:43	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.100	1	EPA 8270D SIM	05/22/2020 08:23	05/22/2020 14:43	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.100	1	EPA 8270D SIM	05/22/2020 08:23	05/22/2020 14:43	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.100	1	EPA 8270D SIM	05/22/2020 08:23	05/22/2020 14:43	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.100	1	EPA 8270D SIM	05/22/2020 08:23	05/22/2020 14:43	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	1.00	1	EPA 8270D SIM	05/22/2020 08:23	05/22/2020 14:43	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
218-01-9	Chrysene	ND		ug/L	0.100	1	EPA 8270D SIM	05/22/2020 08:23	05/22/2020 14:43	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.100	1	EPA 8270D SIM	05/22/2020 08:23	05/22/2020 14:43	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	Fluoranthene	ND		ug/L	0.100	1	EPA 8270D SIM	05/22/2020 08:23	05/22/2020 14:43	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		ug/L	0.100	1	EPA 8270D SIM	05/22/2020 08:23	05/22/2020 14:43	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0400	1	EPA 8270D SIM	05/22/2020 08:23	05/22/2020 14:43	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	1.00	1	EPA 8270D SIM	05/22/2020 08:23	05/22/2020 14:43	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	1.00	1	EPA 8270D SIM	05/22/2020 08:23	05/22/2020 14:43	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.100	1	EPA 8270D SIM	05/22/2020 08:23	05/22/2020 14:43	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	**Naphthalene**	**0.620**	B	ug/L	0.100	1	EPA 8270D SIM	05/22/2020 08:23	05/22/2020 14:43	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.500	1	EPA 8270D SIM	05/22/2020 08:23	05/22/2020 14:43	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	1.00	1	EPA 8270D SIM	05/22/2020 08:23	05/22/2020 14:43	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.500	1	EPA 8270D SIM	05/22/2020 08:23	05/22/2020 14:43	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: FB01_051920 **York Sample ID:** 20E0588-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Water	May 19, 2020 7:01 am	05/19/2020

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	0.100	1	EPA 8270D SIM	05/22/2020 08:23	05/22/2020 14:43	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		ug/L	0.100	1	EPA 8270D SIM	05/22/2020 08:23	05/22/2020 14:43	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	0.0100	1	EPA 8081B	05/21/2020 14:49	05/22/2020 16:11	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		ug/L	0.0100	1	EPA 8081B	05/21/2020 14:49	05/22/2020 16:11	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-29-3	4,4'-DDT	ND		ug/L	0.0100	1	EPA 8081B	05/21/2020 14:49	05/22/2020 16:11	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		ug/L	0.0100	1	EPA 8081B	05/21/2020 14:49	05/22/2020 16:11	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		ug/L	0.0100	1	EPA 8081B	05/21/2020 14:49	05/22/2020 16:11	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	05/21/2020 14:49	05/22/2020 16:11	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-85-7	beta-BHC	ND		ug/L	0.0100	1	EPA 8081B	05/21/2020 14:49	05/22/2020 16:11	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	Chlordane, total	ND		ug/L	0.0500	1	EPA 8081B	05/21/2020 14:49	05/22/2020 16:11	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		ug/L	0.0100	1	EPA 8081B	05/21/2020 14:49	05/22/2020 16:11	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		ug/L	0.00500	1	EPA 8081B	05/21/2020 14:49	05/22/2020 16:11	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		ug/L	0.0100	1	EPA 8081B	05/21/2020 14:49	05/22/2020 16:11	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		ug/L	0.0100	1	EPA 8081B	05/21/2020 14:49	05/22/2020 16:11	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1031-07-8	Endosulfan sulfate	ND		ug/L	0.0100	1	EPA 8081B	05/21/2020 14:49	05/22/2020 16:11	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		ug/L	0.0100	1	EPA 8081B	05/21/2020 14:49	05/22/2020 16:11	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		ug/L	0.0250	1	EPA 8081B	05/21/2020 14:49	05/22/2020 16:11	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		ug/L	0.0250	1	EPA 8081B	05/21/2020 14:49	05/22/2020 16:11	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0100	1	EPA 8081B	05/21/2020 14:49	05/22/2020 16:11	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: FB01_051920 **York Sample ID:** 20E0588-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Water	May 19, 2020 7:01 am	05/19/2020

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
5566-34-7	gamma-Chlordane	ND		ug/L	0.0250	1	EPA 8081B	05/21/2020 14:49	05/22/2020 16:11	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.0100	1	EPA 8081B	05/21/2020 14:49	05/22/2020 16:11	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0100	1	EPA 8081B	05/21/2020 14:49	05/22/2020 16:11	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.0100	1	EPA 8081B	05/21/2020 14:49	05/22/2020 16:11	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.250	1	EPA 8081B	05/21/2020 14:49	05/22/2020 16:11	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.6 %*	*30-150*

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	05/20/2020 11:46	05/20/2020 13:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/L	0.028	1	EPA 6010D	05/20/2020 11:46	05/20/2020 13:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/L	0.017	1	EPA 6010D	05/20/2020 11:46	05/20/2020 13:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	Barium	ND		mg/L	0.028	1	EPA 6010D	05/20/2020 11:46	05/20/2020 13:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.0006	1	EPA 6010D	05/20/2020 11:46	05/20/2020 13:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010D	05/20/2020 11:46	05/20/2020 13:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	Calcium	ND		mg/L	0.056	1	EPA 6010D	05/20/2020 11:46	05/20/2020 13:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010D	05/20/2020 11:46	05/20/2020 13:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.004	1	EPA 6010D	05/20/2020 11:46	05/20/2020 13:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.022	1	EPA 6010D	05/20/2020 11:46	05/20/2020 13:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	05/20/2020 11:46	05/20/2020 13:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.006	1	EPA 6010D	05/20/2020 11:46	05/20/2020 13:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: FB01_051920 **York Sample ID:** 20E0588-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Water	May 19, 2020 7:01 am	05/19/2020

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
7439-95-4	Magnesium	ND		mg/L	0.056	1	EPA 6010D	05/20/2020 11:46	05/20/2020 13:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	Manganese	ND		mg/L	0.006	1	EPA 6010D	05/20/2020 11:46	05/20/2020 13:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.011	1	EPA 6010D	05/20/2020 11:46	05/20/2020 13:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	Potassium	ND		mg/L	0.056	1	EPA 6010D	05/20/2020 11:46	05/20/2020 13:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	* Selenium	ND		mg/L	0.028	1	EPA 6010D	05/20/2020 11:46	05/20/2020 13:08	KML
							Certifications:	CTDOH		
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010D	05/20/2020 11:46	05/20/2020 13:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/L	0.556	1	EPA 6010D	05/20/2020 11:46	05/20/2020 13:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.028	1	EPA 6010D	05/20/2020 11:46	05/20/2020 13:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.011	1	EPA 6010D	05/20/2020 11:46	05/20/2020 13:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.028	1	EPA 6010D	05/20/2020 11:46	05/20/2020 13:08	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	ND		mg/L	0.00020	1	EPA 7473	05/20/2020 10:45	05/20/2020 12:25	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	05/19/2020 17:34	05/19/2020 20:50	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	05/20/2020 14:41	05/20/2020 14:41	TJM
							Certifications:			

Cyanide, Total

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

Sample Information

Client Sample ID: FB01_051920 **York Sample ID:** 20E0588-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Water	May 19, 2020 7:01 am	05/19/2020

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
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C/E	05/20/2020 14:32	05/20/2020 20:50	ZTS
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: TB01_051920 **York Sample ID:** 20E0588-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Water	May 19, 2020 7:02 am	05/19/2020

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	05/20/2020 08:00	05/20/2020 13:13	SS
								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	05/20/2020 08:00	05/20/2020 13:13	SS
								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	05/20/2020 08:00	05/20/2020 13:13	SS
								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	05/20/2020 08:00	05/20/2020 13:13	SS
								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	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								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	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								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	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								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	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB01_051920 **York Sample ID:** 20E0588-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Water	May 19, 2020 7:02 am	05/19/2020

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	05/20/2020 08:00	05/20/2020 13:13	SS
								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	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								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	05/20/2020 08:00	05/20/2020 13:13	SS
								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	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB01_051920 **York Sample ID:** 20E0588-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Water	May 19, 2020 7:02 am	05/19/2020

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	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								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	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								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	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								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	05/20/2020 08:00	05/20/2020 13:13	SS
								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	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB01_051920 **York Sample ID:** 20E0588-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0588	170384501	Water	May 19, 2020 7:02 am	05/19/2020

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	05/20/2020 08:00	05/20/2020 13:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	05/20/2020 08:00	05/20/2020 13:13	SS
								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*	*94.2 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*79-122*

Analytical Batch Summary

Batch ID: BE00805 **Preparation Method:** Analysis Preparation **Prepared By:** MAO

YORK Sample ID	Client Sample ID	Preparation Date
20E0588-07	FB01_051920	05/19/20
BE00805-BLK1	Blank	05/19/20
BE00805-BS1	LCS	05/19/20
BE00805-DUP1	Duplicate	05/19/20
BE00805-MS1	Matrix Spike	05/19/20

Batch ID: BE00815 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20E0588-01	EP01_eI56	05/20/20
20E0588-02	EP04_eI56	05/20/20
20E0588-03	EP05_eI48	05/20/20
20E0588-04	EP07_eI56	05/20/20
20E0588-05	EP08_eI56	05/20/20
20E0588-06	EP09_eI56	05/20/20
BE00815-BLK1	Blank	05/20/20
BE00815-DUP1	Duplicate	05/20/20
BE00815-MS1	Matrix Spike	05/20/20
BE00815-PS1	Post Spike	05/20/20
BE00815-SRM1	Reference	05/20/20

Batch ID: BE00818 **Preparation Method:** Analysis Preparation Soil **Prepared By:** JAG

YORK Sample ID	Client Sample ID	Preparation Date
20E0588-01	EP01_eI56	05/20/20
20E0588-02	EP04_eI56	05/20/20
20E0588-03	EP05_eI48	05/20/20
20E0588-04	EP07_eI56	05/20/20
20E0588-05	EP08_eI56	05/20/20
20E0588-06	EP09_eI56	05/20/20
BE00818-BLK1	Blank	05/20/20
BE00818-SRM1	Reference	05/20/20

Batch ID: BE00819 **Preparation Method:** % Solids Prep **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
20E0588-01	EP01_eI56	05/20/20
20E0588-02	EP04_eI56	05/20/20
20E0588-03	EP05_eI48	05/20/20
20E0588-04	EP07_eI56	05/20/20
20E0588-05	EP08_eI56	05/20/20
20E0588-06	EP09_eI56	05/20/20
BE00819-DUP1	Duplicate	05/20/20

Batch ID: BE00831 **Preparation Method:** EPA 5035A **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
20E0588-01	EP01_eI56	05/20/20
20E0588-02	EP04_eI56	05/20/20
20E0588-03	EP05_eI48	05/20/20
20E0588-04	EP07_eI56	05/20/20
20E0588-05	EP08_eI56	05/20/20
20E0588-06	EP09_eI56	05/20/20
BE00831-BLK1	Blank	05/20/20
BE00831-BLK2	Blank	05/20/20
BE00831-BLK3	Blank	05/20/20
BE00831-BS1	LCS	05/20/20
BE00831-BSD1	LCS Dup	05/20/20

Batch ID: BE00833 **Preparation Method:** EPA 5030B **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
20E0588-07	FB01_051920	05/20/20
20E0588-08	TB01_051920	05/20/20
BE00833-BLK1	Blank	05/20/20
BE00833-BS1	LCS	05/20/20
BE00833-BSD1	LCS Dup	05/20/20

Batch ID: BE00841 **Preparation Method:** EPA 7473 water **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20E0588-07	FB01_051920	05/20/20
BE00841-BLK1	Blank	05/20/20
BE00841-DUP1	Duplicate	05/20/20
BE00841-MS1	Matrix Spike	05/20/20
BE00841-SRM1	Reference	05/20/20

Batch ID: BE00846 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20E0588-07	FB01_051920	05/20/20
BE00846-BLK1	Blank	05/20/20
BE00846-BS1	LCS	05/20/20

Batch ID: BE00855 **Preparation Method:** Analysis Preparation **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
20E0588-07	FB01_051920	05/20/20
BE00855-BLK1	Blank	05/20/20
BE00855-BS1	LCS	05/20/20

Batch ID: BE00857 **Preparation Method:** Analysis Preparation **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
20E0588-07	FB01_051920	05/20/20

Batch ID: BE00859 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20E0588-01	EP01_eI56	05/20/20
20E0588-02	EP04_eI56	05/20/20
20E0588-03	EP05_eI48	05/20/20
20E0588-04	EP07_eI56	05/20/20
20E0588-05	EP08_eI56	05/20/20
20E0588-06	EP09_eI56	05/20/20
BE00859-BLK1	Blank	05/20/20
BE00859-SRM1	Reference	05/20/20

Batch ID: BE00872 **Preparation Method:** EPA 3550C **Prepared By:** PD

YORK Sample ID	Client Sample ID	Preparation Date
20E0588-01	EP01_eI56	05/21/20
20E0588-02	EP04_eI56	05/21/20
20E0588-03	EP05_eI48	05/21/20
20E0588-04	EP07_eI56	05/21/20
20E0588-05	EP08_eI56	05/21/20
20E0588-06	EP09_eI56	05/21/20
BE00872-BLK1	Blank	05/21/20
BE00872-BS1	LCS	05/21/20

Batch ID: BE00873 **Preparation Method:** EPA 3550C **Prepared By:** PD

YORK Sample ID	Client Sample ID	Preparation Date
20E0588-01	EP01_eI56	05/21/20
20E0588-02	EP04_eI56	05/21/20
20E0588-03	EP05_eI48	05/21/20
20E0588-04	EP07_eI56	05/21/20
20E0588-05	EP08_eI56	05/21/20
20E0588-06	EP09_eI56	05/21/20
BE00873-BLK1	Blank	05/21/20
BE00873-BS1	LCS	05/21/20

Batch ID: BE00919 **Preparation Method:** EPA SW846-3060 **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
20E0588-01	EP01_eI56	05/21/20
20E0588-02	EP04_eI56	05/21/20
20E0588-03	EP05_eI48	05/21/20

20E0588-04	EP07_eI56	05/21/20
20E0588-05	EP08_eI56	05/21/20
20E0588-06	EP09_eI56	05/21/20
BE00919-BLK1	Blank	05/21/20
BE00919-SRM1	Reference	05/21/20

Batch ID: BE00921 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** SMR

YORK Sample ID	Client Sample ID	Preparation Date
20E0588-07	FB01_051920	05/21/20
BE00921-BLK1	Blank	05/21/20
BE00921-BS1	LCS	05/21/20
BE00921-BSD1	LCS Dup	05/21/20

Batch ID: BE00938 **Preparation Method:** EPA 3510C **Prepared By:** TSS

YORK Sample ID	Client Sample ID	Preparation Date
20E0588-07	FB01_051920	05/22/20
BE00938-BLK1	Blank	05/22/20
BE00938-BLK2	Blank	05/22/20
BE00938-BS1	LCS	05/22/20
BE00938-BS2	LCS	05/22/20
BE00938-BSD1	LCS Dup	05/22/20

Batch ID: BE01032 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
20E0588-01	EP01_eI56	05/26/20
20E0588-02	EP04_eI56	05/26/20
20E0588-03	EP05_eI48	05/26/20
20E0588-04	EP07_eI56	05/26/20
20E0588-05	EP08_eI56	05/26/20
20E0588-06	EP09_eI56	05/26/20

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 BE00831 - EPA 5035A											
Blank (BE00831-BLK1)											Prepared & Analyzed: 05/20/2020
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 BE00831 - EPA 5035A											
Blank (BE00831-BLK1)											Prepared & Analyzed: 05/20/2020
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	*46.2*		*ug/L*	*50.0*		*92.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.7*		*"*	*50.0*		*93.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.4*		*"*	*50.0*		*98.7*	*76-130*				
Blank (BE00831-BLK2)											Prepared & Analyzed: 05/20/2020
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 BE00831 - EPA 5035A											
Blank (BE00831-BLK2)											Prepared & Analyzed: 05/20/2020
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	*47.4*		*ug/L*	*50.0*		*94.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.5*		*"*	*50.0*		*93.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.3*		*"*	*50.0*		*96.6*	*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 BE00831 - EPA 5035A											
Blank (BE00831-BLK3)											
Prepared & Analyzed: 05/20/2020											
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	0.0056	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	0.010	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 BE00831 - EPA 5035A											
Blank (BE00831-BLK3)									Prepared & Analyzed: 05/20/2020		
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	*47.2*		*ug/L*	*50.0*		*94.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.7*		*"*	*50.0*		*93.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.5*		*"*	*50.0*		*97.0*	*76-130*				
LCS (BE00831-BS1)									Prepared & Analyzed: 05/20/2020		
1,1,1,2-Tetrachloroethane	46.8		ug/L	50.0		93.6	75-129				
1,1,1-Trichloroethane	51.6		"	50.0		103	71-137				
1,1,2,2-Tetrachloroethane	45.8		"	50.0		91.5	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	62.2		"	50.0		124	58-146				
1,1,2-Trichloroethane	46.1		"	50.0		92.1	83-123				
1,1-Dichloroethane	51.9		"	50.0		104	75-130				
1,1-Dichloroethylene	55.3		"	50.0		111	64-137				
1,2,3-Trichlorobenzene	45.7		"	50.0		91.4	81-140				
1,2,3-Trichloropropane	43.2		"	50.0		86.3	81-126				
1,2,4-Trichlorobenzene	47.3		"	50.0		94.6	80-141				
1,2,4-Trimethylbenzene	47.5		"	50.0		95.0	84-125				
1,2-Dibromo-3-chloropropane	39.0		"	50.0		78.0	74-142				
1,2-Dibromoethane	47.9		"	50.0		95.9	86-123				
1,2-Dichlorobenzene	45.3		"	50.0		90.7	85-122				
1,2-Dichloroethane	49.5		"	50.0		98.9	71-133				
1,2-Dichloropropane	47.5		"	50.0		95.0	81-122				
1,3,5-Trimethylbenzene	47.2		"	50.0		94.5	82-126				
1,3-Dichlorobenzene	45.2		"	50.0		90.4	84-124				
1,4-Dichlorobenzene	45.8		"	50.0		91.7	84-124				
1,4-Dioxane	1060		"	1050		101	10-228				
2-Butanone	48.9		"	50.0		97.8	58-147				
2-Hexanone	42.5		"	50.0		85.0	70-139				
4-Methyl-2-pentanone	46.6		"	50.0		93.1	72-132				
Acetone	34.2		"	50.0		68.3	36-155				
Acrolein	42.3		"	50.0		84.6	10-238				
Acrylonitrile	53.6		"	50.0		107	66-141				
Benzene	56.3		"	50.0		113	77-127				
Bromochloromethane	54.4		"	50.0		109	74-129				
Bromodichloromethane	46.1		"	50.0		92.2	81-124				
Bromoform	43.3		"	50.0		86.7	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 BE00831 - EPA 5035A											
LCS (BE00831-BS1)								Prepared & Analyzed: 05/20/2020			
Bromomethane	51.0		ug/L	50.0		102	32-177				
Carbon disulfide	59.2		"	50.0		118	10-136				
Carbon tetrachloride	50.1		"	50.0		100	66-143				
Chlorobenzene	47.9		"	50.0		95.9	86-120				
Chloroethane	61.3		"	50.0		123	51-142				
Chloroform	51.9		"	50.0		104	76-131				
Chloromethane	56.7		"	50.0		113	49-132				
cis-1,2-Dichloroethylene	53.4		"	50.0		107	74-132				
cis-1,3-Dichloropropylene	48.9		"	50.0		97.8	81-129				
Cyclohexane	59.7		"	50.0		119	70-130				
Dibromochloromethane	44.9		"	50.0		89.8	10-200				
Dibromomethane	46.2		"	50.0		92.5	83-124				
Dichlorodifluoromethane	55.4		"	50.0		111	28-158				
Ethyl Benzene	50.0		"	50.0		99.9	84-125				
Hexachlorobutadiene	44.4		"	50.0		88.9	83-133				
Isopropylbenzene	47.2		"	50.0		94.5	81-127				
Methyl acetate	50.2		"	50.0		100	41-143				
Methyl tert-butyl ether (MTBE)	56.1		"	50.0		112	74-131				
Methylcyclohexane	53.0		"	50.0		106	70-130				
Methylene chloride	61.4		"	50.0		123	57-141				
n-Butylbenzene	42.8		"	50.0		85.5	80-130				
n-Propylbenzene	47.0		"	50.0		94.0	74-136				
o-Xylene	49.7		"	50.0		99.4	83-123				
p- & m- Xylenes	102		"	100		102	82-128				
p-Isopropyltoluene	48.9		"	50.0		97.9	85-125				
sec-Butylbenzene	49.9		"	50.0		99.8	83-125				
Styrene	51.0		"	50.0		102	86-126				
tert-Butyl alcohol (TBA)	247		"	250		98.6	70-130				
tert-Butylbenzene	46.4		"	50.0		92.7	80-127				
Tetrachloroethylene	44.7		"	50.0		89.4	80-129				
Toluene	49.5		"	50.0		99.1	85-121				
trans-1,2-Dichloroethylene	57.2		"	50.0		114	72-132				
trans-1,3-Dichloropropylene	44.0		"	50.0		88.0	78-132				
Trichloroethylene	48.2		"	50.0		96.3	84-123				
Trichlorofluoromethane	48.3		"	50.0		96.6	62-140				
Vinyl Chloride	55.8		"	50.0		112	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*46.4*		*"*	*50.0*		*92.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.3*		*"*	*50.0*		*94.5*	*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 BE00831 - EPA 5035A											
LCS Dup (BE00831-BSD1)								Prepared & Analyzed: 05/20/2020			
1,1,1,2-Tetrachloroethane	46.5		ug/L	50.0		92.9	75-129		0.750	30	
1,1,1-Trichloroethane	51.8		"	50.0		104	71-137		0.329	30	
1,1,2,2-Tetrachloroethane	46.6		"	50.0		93.3	79-129		1.91	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	57.5		"	50.0		115	58-146		7.74	30	
1,1,2-Trichloroethane	46.0		"	50.0		91.9	83-123		0.261	30	
1,1-Dichloroethane	51.6		"	50.0		103	75-130		0.502	30	
1,1-Dichloroethylene	55.4		"	50.0		111	64-137		0.127	30	
1,2,3-Trichlorobenzene	45.4		"	50.0		90.8	81-140		0.702	30	
1,2,3-Trichloropropane	42.5		"	50.0		85.0	81-126		1.52	30	
1,2,4-Trichlorobenzene	46.9		"	50.0		93.8	80-141		0.828	30	
1,2,4-Trimethylbenzene	47.9		"	50.0		95.8	84-125		0.860	30	
1,2-Dibromo-3-chloropropane	38.6		"	50.0		77.3	74-142		0.902	30	
1,2-Dibromoethane	48.1		"	50.0		96.1	86-123		0.271	30	
1,2-Dichlorobenzene	45.2		"	50.0		90.4	85-122		0.309	30	
1,2-Dichloroethane	49.0		"	50.0		97.9	71-133		1.02	30	
1,2-Dichloropropane	47.5		"	50.0		95.0	81-122		0.0631	30	
1,3,5-Trimethylbenzene	47.4		"	50.0		94.8	82-126		0.359	30	
1,3-Dichlorobenzene	45.2		"	50.0		90.5	84-124		0.0885	30	
1,4-Dichlorobenzene	45.5		"	50.0		91.0	84-124		0.766	30	
1,4-Dioxane	1100		"	1050		105	10-228		3.68	30	
2-Butanone	49.3		"	50.0		98.7	58-147		0.855	30	
2-Hexanone	43.2		"	50.0		86.4	70-139		1.66	30	
4-Methyl-2-pentanone	46.6		"	50.0		93.2	72-132		0.150	30	
Acetone	34.8		"	50.0		69.6	36-155		1.86	30	
Acrolein	40.9		"	50.0		81.8	10-238		3.34	30	
Acrylonitrile	54.2		"	50.0		108	66-141		1.22	30	
Benzene	56.4		"	50.0		113	77-127		0.124	30	
Bromochloromethane	53.2		"	50.0		106	74-129		2.23	30	
Bromodichloromethane	45.8		"	50.0		91.7	81-124		0.609	30	
Bromoform	43.0		"	50.0		86.0	80-136		0.765	30	
Bromomethane	52.2		"	50.0		104	32-177		2.48	30	
Carbon disulfide	59.0		"	50.0		118	10-136		0.288	30	
Carbon tetrachloride	50.1		"	50.0		100	66-143		0.0200	30	
Chlorobenzene	47.9		"	50.0		95.9	86-120		0.0209	30	
Chloroethane	62.4		"	50.0		125	51-142		1.71	30	
Chloroform	51.7		"	50.0		103	76-131		0.289	30	
Chloromethane	56.2		"	50.0		112	49-132		0.992	30	
cis-1,2-Dichloroethylene	53.2		"	50.0		106	74-132		0.413	30	
cis-1,3-Dichloropropylene	48.7		"	50.0		97.4	81-129		0.348	30	
Cyclohexane	60.7		"	50.0		121	70-130		1.69	30	
Dibromochloromethane	44.6		"	50.0		89.3	10-200		0.558	30	
Dibromomethane	46.4		"	50.0		92.8	83-124		0.345	30	
Dichlorodifluoromethane	55.7		"	50.0		111	28-158		0.486	30	
Ethyl Benzene	50.1		"	50.0		100	84-125		0.380	30	
Hexachlorobutadiene	44.7		"	50.0		89.4	83-133		0.606	30	
Isopropylbenzene	47.3		"	50.0		94.6	81-127		0.0846	30	
Methyl acetate	50.0		"	50.0		100	41-143		0.259	30	
Methyl tert-butyl ether (MTBE)	55.8		"	50.0		112	74-131		0.429	30	
Methylcyclohexane	53.7		"	50.0		107	70-130		1.27	30	
Methylene chloride	61.5		"	50.0		123	57-141		0.0651	30	
n-Butylbenzene	45.5		"	50.0		90.9	80-130		6.14	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

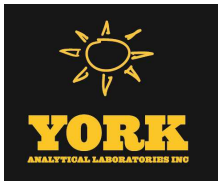
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00831 - EPA 5035A											
LCS Dup (BE00831-BSD1)								Prepared & Analyzed: 05/20/2020			
n-Propylbenzene	47.3		ug/L	50.0		94.6	74-136		0.615	30	
o-Xylene	49.7		"	50.0		99.4	83-123		0.0201	30	
p- & m- Xylenes	102		"	100		102	82-128		0.0985	30	
p-Isopropyltoluene	49.1		"	50.0		98.3	85-125		0.428	30	
sec-Butylbenzene	50.2		"	50.0		100	83-125		0.599	30	
Styrene	51.0		"	50.0		102	86-126		0.00	30	
tert-Butyl alcohol (TBA)	252		"	250		101	70-130		2.29	30	
tert-Butylbenzene	46.6		"	50.0		93.2	80-127		0.516	30	
Tetrachloroethylene	45.2		"	50.0		90.3	80-129		1.07	30	
Toluene	49.7		"	50.0		99.4	85-121		0.302	30	
trans-1,2-Dichloroethylene	57.0		"	50.0		114	72-132		0.315	30	
trans-1,3-Dichloropropylene	44.0		"	50.0		88.1	78-132		0.136	30	
Trichloroethylene	48.3		"	50.0		96.6	84-123		0.311	30	
Trichlorofluoromethane	48.9		"	50.0		97.8	62-140		1.26	30	
Vinyl Chloride	58.3		"	50.0		117	52-130		4.24	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*46.0*		*"*	*50.0*		*91.9*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.3*		*"*	*50.0*		*94.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.8*		*"*	*50.0*		*97.7*	*76-130*				
Batch BE00833 - EPA 5030B											
Blank (BE00833-BLK1)								Prepared & Analyzed: 05/20/2020			
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 BE00833 - EPA 5030B											
Blank (BE00833-BLK1)											Prepared & Analyzed: 05/20/2020
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	1.20	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	*9.37*		*"*	*10.0*		*93.7*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.42*		*"*	*10.0*		*94.2*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*79-122*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00833 - EPA 5030B											
LCS (BE00833-BS1)								Prepared & Analyzed: 05/20/2020			
1,1,1,2-Tetrachloroethane	9.69		ug/L	10.0		96.9	82-126				
1,1,1-Trichloroethane	11.2		"	10.0		112	78-136				
1,1,2,2-Tetrachloroethane	9.00		"	10.0		90.0	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.6		"	10.0		126	54-165				
1,1,2-Trichloroethane	9.50		"	10.0		95.0	82-123				
1,1-Dichloroethane	10.2		"	10.0		102	82-129				
1,1-Dichloroethylene	11.6		"	10.0		116	68-138				
1,2,3-Trichlorobenzene	9.55		"	10.0		95.5	76-136				
1,2,3-Trichloropropane	8.96		"	10.0		89.6	77-128				
1,2,4-Trichlorobenzene	9.77		"	10.0		97.7	76-137				
1,2,4-Trimethylbenzene	9.08		"	10.0		90.8	82-132				
1,2-Dibromo-3-chloropropane	8.96		"	10.0		89.6	45-147				
1,2-Dibromoethane	10.2		"	10.0		102	83-124				
1,2-Dichlorobenzene	8.97		"	10.0		89.7	79-123				
1,2-Dichloroethane	9.82		"	10.0		98.2	73-132				
1,2-Dichloropropane	9.11		"	10.0		91.1	78-126				
1,3,5-Trimethylbenzene	9.30		"	10.0		93.0	80-131				
1,3-Dichlorobenzene	9.04		"	10.0		90.4	86-122				
1,4-Dichlorobenzene	8.94		"	10.0		89.4	85-124				
1,4-Dioxane	260		"	210		124	10-349				
2-Butanone	14.1		"	10.0		141	49-152				
2-Hexanone	9.00		"	10.0		90.0	51-146				
4-Methyl-2-pentanone	9.69		"	10.0		96.9	57-145				
Acetone	7.56		"	10.0		75.6	14-150				
Acrolein	13.4		"	10.0		134	10-153				
Acrylonitrile	10.7		"	10.0		107	51-150				
Benzene	11.0		"	10.0		110	85-126				
Bromochloromethane	10.2		"	10.0		102	77-128				
Bromodichloromethane	9.67		"	10.0		96.7	79-128				
Bromoform	11.0		"	10.0		110	78-133				
Bromomethane	5.11		"	10.0		51.1	43-168				
Carbon disulfide	13.1		"	10.0		131	68-146				
Carbon tetrachloride	11.0		"	10.0		110	77-141				
Chlorobenzene	9.50		"	10.0		95.0	88-120				
Chloroethane	11.9		"	10.0		119	65-136				
Chloroform	10.6		"	10.0		106	82-128				
Chloromethane	9.99		"	10.0		99.9	43-155				
cis-1,2-Dichloroethylene	10.5		"	10.0		105	83-129				
cis-1,3-Dichloropropylene	9.55		"	10.0		95.5	80-131				
Cyclohexane	10.6		"	10.0		106	63-149				
Dibromochloromethane	10.6		"	10.0		106	80-130				
Dibromomethane	9.67		"	10.0		96.7	72-134				
Dichlorodifluoromethane	13.0		"	10.0		130	44-144				
Ethyl Benzene	9.36		"	10.0		93.6	80-131				
Hexachlorobutadiene	10.2		"	10.0		102	67-146				
Isopropylbenzene	8.68		"	10.0		86.8	76-140				
Methyl acetate	15.1		"	10.0		151	51-139	High Bias			
Methyl tert-butyl ether (MTBE)	11.6		"	10.0		116	76-135				
Methylcyclohexane	9.88		"	10.0		98.8	72-143				
Methylene chloride	12.4		"	10.0		124	55-137				
n-Butylbenzene	8.71		"	10.0		87.1	79-132				

Volatile Organic Compounds by GC/MS - Quality Control Data

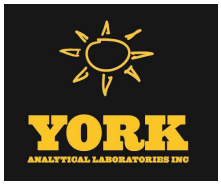
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00833 - EPA 5030B											
LCS (BE00833-BS1)								Prepared & Analyzed: 05/20/2020			
n-Propylbenzene	8.69		ug/L	10.0		86.9	78-133				
o-Xylene	9.15		"	10.0		91.5	78-130				
p- & m- Xylenes	18.7		"	20.0		93.6	77-133				
p-Isopropyltoluene	9.44		"	10.0		94.4	81-136				
sec-Butylbenzene	9.37		"	10.0		93.7	79-137				
Styrene	9.49		"	10.0		94.9	67-132				
tert-Butyl alcohol (TBA)	58.4		"	50.0		117	25-162				
tert-Butylbenzene	8.99		"	10.0		89.9	77-138				
Tetrachloroethylene	7.29		"	10.0		72.9	82-131	Low Bias			
Toluene	9.43		"	10.0		94.3	80-127				
trans-1,2-Dichloroethylene	11.4		"	10.0		114	80-132				
trans-1,3-Dichloropropylene	9.44		"	10.0		94.4	78-131				
Trichloroethylene	9.76		"	10.0		97.6	82-128				
Trichlorofluoromethane	10.0		"	10.0		100	67-139				
Vinyl Chloride	9.85		"	10.0		98.5	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.52*		*"*	*10.0*		*95.2*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.33*		*"*	*10.0*		*93.3*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.30*		*"*	*10.0*		*93.0*	*79-122*				
LCS Dup (BE00833-BSD1)								Prepared & Analyzed: 05/20/2020			
1,1,1,2-Tetrachloroethane	9.18		ug/L	10.0		91.8	82-126		5.41	30	
1,1,1-Trichloroethane	10.6		"	10.0		106	78-136		5.80	30	
1,1,2,2-Tetrachloroethane	8.52		"	10.0		85.2	76-129		5.48	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.7		"	10.0		117	54-165		7.74	30	
1,1,2-Trichloroethane	8.73		"	10.0		87.3	82-123		8.45	30	
1,1-Dichloroethane	9.73		"	10.0		97.3	82-129		4.32	30	
1,1-Dichloroethylene	10.8		"	10.0		108	68-138		7.43	30	
1,2,3-Trichlorobenzene	9.16		"	10.0		91.6	76-136		4.17	30	
1,2,3-Trichloropropane	8.47		"	10.0		84.7	77-128		5.62	30	
1,2,4-Trichlorobenzene	9.44		"	10.0		94.4	76-137		3.44	30	
1,2,4-Trimethylbenzene	8.86		"	10.0		88.6	82-132		2.45	30	
1,2-Dibromo-3-chloropropane	8.35		"	10.0		83.5	45-147		7.05	30	
1,2-Dibromoethane	9.37		"	10.0		93.7	83-124		8.19	30	
1,2-Dichlorobenzene	8.68		"	10.0		86.8	79-123		3.29	30	
1,2-Dichloroethane	9.59		"	10.0		95.9	73-132		2.37	30	
1,2-Dichloropropane	8.48		"	10.0		84.8	78-126		7.16	30	
1,3,5-Trimethylbenzene	8.90		"	10.0		89.0	80-131		4.40	30	
1,3-Dichlorobenzene	8.74		"	10.0		87.4	86-122		3.37	30	
1,4-Dichlorobenzene	8.79		"	10.0		87.9	85-124		1.69	30	
1,4-Dioxane	300		"	210		143	10-349		14.1	30	
2-Butanone	11.7		"	10.0		117	49-152		18.6	30	
2-Hexanone	8.38		"	10.0		83.8	51-146		7.13	30	
4-Methyl-2-pentanone	9.01		"	10.0		90.1	57-145		7.27	30	
Acetone	6.89		"	10.0		68.9	14-150		9.27	30	
Acrolein	12.6		"	10.0		126	10-153		6.77	30	
Acrylonitrile	10.5		"	10.0		105	51-150		1.32	30	
Benzene	10.6		"	10.0		106	85-126		4.16	30	
Bromochloromethane	9.73		"	10.0		97.3	77-128		4.23	30	
Bromodichloromethane	8.97		"	10.0		89.7	79-128		7.51	30	
Bromoform	9.98		"	10.0		99.8	78-133		9.36	30	
Bromomethane	5.84		"	10.0		58.4	43-168		13.3	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 BE00833 - EPA 5030B											
LCS Dup (BE00833-BSD1)								Prepared & Analyzed: 05/20/2020			
Carbon disulfide	12.3		ug/L	10.0		123	68-146		6.13	30	
Carbon tetrachloride	10.6		"	10.0		106	77-141		3.90	30	
Chlorobenzene	9.05		"	10.0		90.5	88-120		4.85	30	
Chloroethane	11.4		"	10.0		114	65-136		4.81	30	
Chloroform	9.97		"	10.0		99.7	82-128		6.41	30	
Chloromethane	9.54		"	10.0		95.4	43-155		4.61	30	
cis-1,2-Dichloroethylene	9.99		"	10.0		99.9	83-129		5.07	30	
cis-1,3-Dichloropropylene	9.14		"	10.0		91.4	80-131		4.39	30	
Cyclohexane	10.1		"	10.0		101	63-149		4.36	30	
Dibromochloromethane	9.90		"	10.0		99.0	80-130		6.92	30	
Dibromomethane	8.92		"	10.0		89.2	72-134		8.07	30	
Dichlorodifluoromethane	12.1		"	10.0		121	44-144		6.62	30	
Ethyl Benzene	8.89		"	10.0		88.9	80-131		5.15	30	
Hexachlorobutadiene	9.73		"	10.0		97.3	67-146		4.52	30	
Isopropylbenzene	8.51		"	10.0		85.1	76-140		1.98	30	
Methyl acetate	10.5		"	10.0		105	51-139		36.6	30	Non-dir.
Methyl tert-butyl ether (MTBE)	11.0		"	10.0		110	76-135		5.66	30	
Methylcyclohexane	9.42		"	10.0		94.2	72-143		4.77	30	
Methylene chloride	11.9		"	10.0		119	55-137		4.13	30	
n-Butylbenzene	8.12		"	10.0		81.2	79-132		7.01	30	
n-Propylbenzene	8.42		"	10.0		84.2	78-133		3.16	30	
o-Xylene	8.75		"	10.0		87.5	78-130		4.47	30	
p- & m- Xylenes	17.8		"	20.0		89.0	77-133		5.15	30	
p-Isopropyltoluene	8.98		"	10.0		89.8	81-136		4.99	30	
sec-Butylbenzene	9.07		"	10.0		90.7	79-137		3.25	30	
Styrene	9.07		"	10.0		90.7	67-132		4.53	30	
tert-Butyl alcohol (TBA)	60.8		"	50.0		122	25-162		4.15	30	
tert-Butylbenzene	8.74		"	10.0		87.4	77-138		2.82	30	
Tetrachloroethylene	6.93		"	10.0		69.3	82-131	Low Bias	5.06	30	
Toluene	8.99		"	10.0		89.9	80-127		4.78	30	
trans-1,2-Dichloroethylene	10.7		"	10.0		107	80-132		6.33	30	
trans-1,3-Dichloropropylene	8.79		"	10.0		87.9	78-131		7.13	30	
Trichloroethylene	9.20		"	10.0		92.0	82-128		5.91	30	
Trichlorofluoromethane	9.47		"	10.0		94.7	67-139		5.94	30	
Vinyl Chloride	9.49		"	10.0		94.9	58-145		3.72	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.34*		*"*	*10.0*		*93.4*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.24*		*"*	*10.0*		*92.4*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.52*		*"*	*10.0*		*95.2*	*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 BE00873 - EPA 3550C											
Blank (BE00873-BLK1)											
Prepared: 05/21/2020 Analyzed: 05/22/2020											
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 BE00873 - EPA 3550C											
Blank (BE00873-BLK1)											
Prepared: 05/21/2020 Analyzed: 05/22/2020											
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	*1.22*		"	*1.66*		*73.7*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.21*		"	*1.66*		*72.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.635*		"	*0.828*		*76.8*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.644*		"	*0.828*		*77.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.39*		"	*1.66*		*83.7*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.916*		"	*0.828*		*111*	*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 BE00873 - EPA 3550C											
LCS (BE00873-BS1)								Prepared: 05/21/2020 Analyzed: 05/22/2020			
1,1-Biphenyl	0.592	0.0414	mg/kg wet	0.828		71.6	18-111				
1,2,4,5-Tetrachlorobenzene	0.695	0.0827	"	0.828		84.0	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.594	0.0414	"	0.828		71.8	17-137				
2,3,4,6-Tetrachlorophenol	0.623	0.0827	"	0.828		75.3	30-130				
2,4,5-Trichlorophenol	0.475	0.0414	"	0.828		57.4	27-118				
2,4,6-Trichlorophenol	0.546	0.0414	"	0.828		66.0	31-120				
2,4-Dichlorophenol	0.556	0.0414	"	0.828		67.2	20-127				
2,4-Dimethylphenol	0.531	0.0414	"	0.828		64.2	14-132				
2,4-Dinitrophenol	0.389	0.0827	"	0.828		47.0	10-171				
2,4-Dinitrotoluene	0.570	0.0414	"	0.828		68.9	34-131				
2,6-Dinitrotoluene	0.599	0.0414	"	0.828		72.4	31-128				
2-Chloronaphthalene	0.531	0.0414	"	0.828		64.2	31-117				
2-Chlorophenol	0.505	0.0414	"	0.828		61.0	33-113				
2-Methylnaphthalene	0.600	0.0414	"	0.828		72.4	12-138				
2-Methylphenol	0.438	0.0414	"	0.828		52.9	10-136				
2-Nitroaniline	0.552	0.0827	"	0.828		66.7	27-132				
2-Nitrophenol	0.527	0.0414	"	0.828		63.6	17-129				
3- & 4-Methylphenols	0.389	0.0414	"	0.828		47.0	29-103				
3,3-Dichlorobenzidine	0.491	0.0414	"	0.828		59.3	22-149				
3-Nitroaniline	0.514	0.0827	"	0.828		62.0	20-133				
4,6-Dinitro-2-methylphenol	0.618	0.0827	"	0.828		74.6	10-143				
4-Bromophenyl phenyl ether	0.597	0.0414	"	0.828		72.1	29-120				
4-Chloro-3-methylphenol	0.567	0.0414	"	0.828		68.5	24-129				
4-Chloroaniline	0.414	0.0414	"	0.828		50.0	10-132				
4-Chlorophenyl phenyl ether	0.556	0.0414	"	0.828		67.2	27-124				
4-Nitroaniline	0.550	0.0827	"	0.828		66.4	16-128				
4-Nitrophenol	0.539	0.0827	"	0.828		65.1	10-141				
Acenaphthene	0.595	0.0414	"	0.828		71.8	30-121				
Acenaphthylene	0.557	0.0414	"	0.828		67.3	30-115				
Acetophenone	0.526	0.0414	"	0.828		63.6	20-112				
Aniline	0.447	0.166	"	0.828		54.0	10-119				
Anthracene	0.673	0.0414	"	0.828		81.2	34-118				
Atrazine	0.663	0.0414	"	0.828		80.1	26-112				
Benzaldehyde	0.586	0.0414	"	0.828		70.8	21-100				
Benzo(a)anthracene	0.665	0.0414	"	0.828		80.3	32-122				
Benzo(a)pyrene	0.642	0.0414	"	0.828		77.5	29-133				
Benzo(b)fluoranthene	0.668	0.0414	"	0.828		80.7	25-133				
Benzo(g,h,i)perylene	0.679	0.0414	"	0.828		82.1	10-143				
Benzo(k)fluoranthene	0.677	0.0414	"	0.828		81.8	25-128				
Benzoic acid	0.104	0.0414	"	0.828		12.6	10-140				
Benzyl alcohol	0.523	0.0414	"	0.828		63.1	30-115				
Benzyl butyl phthalate	0.573	0.0414	"	0.828		69.2	26-126				
Bis(2-chloroethoxy)methane	0.534	0.0414	"	0.828		64.6	19-132				
Bis(2-chloroethyl)ether	0.507	0.0414	"	0.828		61.2	19-125				
Bis(2-chloroisopropyl)ether	0.555	0.0414	"	0.828		67.0	20-135				
Bis(2-ethylhexyl)phthalate	0.597	0.0414	"	0.828		72.2	10-155				
Caprolactam	0.576	0.0827	"	0.828		69.6	10-127				
Carbazole	0.616	0.0414	"	0.828		74.4	35-123				
Chrysene	0.684	0.0414	"	0.828		82.6	32-123				
Dibenzo(a,h)anthracene	0.674	0.0414	"	0.828		81.4	10-136				
Dibenzofuran	0.571	0.0414	"	0.828		68.9	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 BE00873 - EPA 3550C											
LCS (BE00873-BS1)									Prepared: 05/21/2020 Analyzed: 05/22/2020		
Diethyl phthalate	0.563	0.0414	mg/kg wet	0.828		68.0	34-116				
Dimethyl phthalate	0.564	0.0414	"	0.828		68.1	35-124				
Di-n-butyl phthalate	0.576	0.0414	"	0.828		69.6	31-116				
Di-n-octyl phthalate	0.582	0.0414	"	0.828		70.3	26-136				
Diphenylamine	0.732	0.0827	"	0.828		88.5	40-140				
Fluoranthene	0.675	0.0414	"	0.828		81.6	33-122				
Fluorene	0.626	0.0414	"	0.828		75.6	29-123				
Hexachlorobenzene	0.608	0.0414	"	0.828		73.4	21-124				
Hexachlorobutadiene	0.535	0.0414	"	0.828		64.7	10-149				
Hexachlorocyclopentadiene	0.519	0.0414	"	0.828		62.7	10-129				
Hexachloroethane	0.491	0.0414	"	0.828		59.3	28-108				
Indeno(1,2,3-cd)pyrene	0.638	0.0414	"	0.828		77.0	10-135				
Isophorone	0.551	0.0414	"	0.828		66.6	20-132				
Naphthalene	0.603	0.0414	"	0.828		72.8	23-124				
Nitrobenzene	0.531	0.0414	"	0.828		64.2	13-132				
N-Nitrosodimethylamine	0.485	0.0414	"	0.828		58.6	11-129				
N-nitroso-di-n-propylamine	0.474	0.0414	"	0.828		57.2	24-119				
N-Nitrosodiphenylamine	0.734	0.0414	"	0.828		88.7	22-152				
Pentachlorophenol	0.567	0.0414	"	0.828		68.4	10-139				
Phenanthrene	0.676	0.0414	"	0.828		81.7	33-123				
Phenol	0.510	0.0414	"	0.828		61.6	23-115				
Pyrene	0.679	0.0414	"	0.828		82.0	32-130				
Pyridine	0.436	0.166	"	0.828		52.7	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.13*		"	*1.66*		*68.4*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.13*		"	*1.66*		*68.3*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.595*		"	*0.828*		*71.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.594*		"	*0.828*		*71.7*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.47*		"	*1.66*		*88.6*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.796*		"	*0.828*		*96.2*	*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 BE00938 - EPA 3510C											
Blank (BE00938-BLK1)											
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	"								

Prepared & Analyzed: 05/22/2020

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 BE00938 - EPA 3510C											
Blank (BE00938-BLK1)											Prepared & Analyzed: 05/22/2020
Surrogate: SURR: 2-Fluorophenol	*16.6*		*ug/L*	*50.0*		*33.3*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*10.2*		*"*	*50.0*		*20.3*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*18.9*		*"*	*25.0*		*75.5*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*17.4*		*"*	*25.0*		*69.6*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*43.6*		*"*	*50.0*		*87.3*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*23.1*		*"*	*25.0*		*92.4*	*30.7-106*				
Blank (BE00938-BLK2)											Prepared & Analyzed: 05/22/2020
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	"								
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	"								
Benzyl butyl phthalate	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 BE00938 - EPA 3510C											
Blank (BE00938-BLK2)											Prepared & Analyzed: 05/22/2020
Bis(2-chloroethoxy)methane	ND	5.00	ug/L								
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	1.14	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Pyrene	ND	0.0500	"								
Pyridine	ND	5.00	"								
Surrogate: 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 BE00938 - EPA 3510C											
LCS (BE00938-BS1)								Prepared & Analyzed: 05/22/2020			
1,1-Biphenyl	21.2	5.00	ug/L	25.0		84.8	33-95				
1,2,4,5-Tetrachlorobenzene	24.6	5.00	"	25.1		98.1	26-120				
1,2-Diphenylhydrazine (as Azobenzene)	20.6	5.00	"	25.0		82.6	16-141				
2,3,4,6-Tetrachlorophenol	22.3	5.00	"	25.0		89.3	30-130				
2,4,5-Trichlorophenol	18.1	5.00	"	25.0		72.2	32-114				
2,4,6-Trichlorophenol	20.6	5.00	"	25.0		82.4	35-118				
2,4-Dichlorophenol	21.2	5.00	"	25.0		84.7	25-116				
2,4-Dimethylphenol	19.2	5.00	"	25.0		76.7	15-116				
2,4-Dinitrophenol	24.5	5.00	"	25.0		98.1	10-170				
2,4-Dinitrotoluene	21.2	5.00	"	25.0		84.8	41-128				
2,6-Dinitrotoluene	22.6	5.00	"	25.0		90.5	45-116				
2-Chloronaphthalene	19.1	5.00	"	25.0		76.5	33-112				
2-Chlorophenol	16.7	5.00	"	25.0		66.9	15-120				
2-Methylnaphthalene	22.7	5.00	"	25.0		91.0	24-118				
2-Methylphenol	12.9	5.00	"	25.0		51.7	10-110				
2-Nitroaniline	21.2	5.00	"	25.0		84.7	34-129				
2-Nitrophenol	21.1	5.00	"	25.0		84.6	28-118				
3- & 4-Methylphenols	10.3	5.00	"	25.0		41.2	10-107				
3,3-Dichlorobenzidine	20.4	5.00	"	25.0		81.6	15-187				
3-Nitroaniline	18.6	5.00	"	25.0		74.4	24-134				
4,6-Dinitro-2-methylphenol	26.8	5.00	"	25.0		107	10-153				
4-Bromophenyl phenyl ether	20.7	5.00	"	25.0		83.0	34-120				
4-Chloro-3-methylphenol	20.8	5.00	"	25.0		83.3	20-120				
4-Chloroaniline	17.1	5.00	"	25.0		68.4	10-147				
4-Chlorophenyl phenyl ether	19.7	5.00	"	25.0		78.9	27-121				
4-Nitroaniline	19.5	5.00	"	25.0		78.0	13-134				
4-Nitrophenol	8.40	5.00	"	25.0		33.6	10-131				
Acetophenone	19.9	5.00	"	25.0		79.7	25-110				
Aniline	10.5	5.00	"	25.0		41.9	10-117				
Benzaldehyde	21.7	5.00	"	25.0		86.9	29-117				
Benzoic acid	5.47	5.00	"	25.0		21.9	30-130	Low Bias			
Benzyl alcohol	13.6	5.00	"	25.0		54.3	10-117				
Benzyl butyl phthalate	22.1	5.00	"	25.0		88.4	29-133				
Bis(2-chloroethoxy)methane	20.2	5.00	"	25.0		80.7	10-154				
Bis(2-chloroethyl)ether	17.7	5.00	"	25.0		70.8	17-125				
Bis(2-chloroisopropyl)ether	19.2	5.00	"	25.0		76.8	10-139				
Caprolactam	3.63	5.00	"	25.0		14.5	10-137				
Carbazole	21.5	5.00	"	25.0		86.0	42-126				
Dibenzofuran	20.2	5.00	"	25.0		80.6	36-113				
Diethyl phthalate	20.4	5.00	"	25.0		81.5	38-115				
Dimethyl phthalate	20.3	5.00	"	25.0		81.3	38-129				
Di-n-butyl phthalate	21.3	5.00	"	25.0		85.3	31-120				
Di-n-octyl phthalate	25.6	5.00	"	25.0		103	21-149				
Diphenylamine	26.1	5.00	"	25.0		104	40-140				
Hexachlorocyclopentadiene	18.6	10.0	"	25.0		74.3	10-130				
Isophorone	21.6	5.00	"	25.0		86.4	25-127				
N-nitroso-di-n-propylamine	18.0	5.00	"	25.0		71.8	26-122				
N-Nitrosodiphenylamine	25.8	5.00	"	25.0		103	23-149				
Phenol	6.18	5.00	"	25.0		24.7	10-110				
Pyridine	6.22	5.00	"	27.5		22.6	10-90				
Surrogate: SURR: 2-Fluorophenol	*18.5*		*"*	*50.0*		*37.0*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

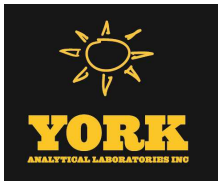
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00938 - EPA 3510C											
LCS (BE00938-BS1)								Prepared & Analyzed: 05/22/2020			
Surrogate: SURR: Phenol-d5	*12.0*		*ug/L*	*50.0*		*23.9*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*20.3*		*"*	*25.0*		*81.4*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*19.7*		*"*	*25.0*		*78.7*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*48.8*		*"*	*50.0*		*97.6*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*24.2*		*"*	*25.0*		*96.7*	*30.7-106*				
LCS (BE00938-BS2)								Prepared & Analyzed: 05/22/2020			
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	0.650	0.0500	"	1.00		65.0	25-116				
Acenaphthylene	0.680	0.0500	"	1.00		68.0	26-116				
Acetophenone	ND	5.00	"				25-110				
Aniline	ND	5.00	"	1.00			10-117	Low Bias			
Anthracene	0.670	0.0500	"	1.00		67.0	25-123				
Benzaldehyde	ND	5.00	"				29-117				
Benzo(a)anthracene	0.710	0.0500	"	1.00		71.0	33-125				
Benzo(a)pyrene	0.700	0.0500	"	1.00		70.0	32-132				
Benzo(b)fluoranthene	0.800	0.0500	"	1.00		80.0	22-137				
Benzo(g,h,i)perylene	0.840	0.0500	"	1.00		84.0	10-138				
Benzo(k)fluoranthene	0.780	0.0500	"	1.00		78.0	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 BE00938 - EPA 3510C											
LCS (BE00938-BS2)								Prepared & Analyzed: 05/22/2020			
Bis(2-ethylhexyl)phthalate	0.990	0.500	ug/L	1.00		99.0	10-189				
Caprolactam	ND	5.00	"				10-137				
Carbazole	ND	5.00	"	1.00			42-126	Low Bias			
Chrysene	0.760	0.0500	"	1.00		76.0	32-124				
Dibenzo(a,h)anthracene	0.910	0.0500	"	1.00		91.0	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	0.750	0.0500	"	1.00		75.0	32-121				
Fluorene	0.790	0.0500	"	1.00		79.0	28-118				
Hexachlorobenzene	0.540	0.0200	"	1.00		54.0	23-124				
Hexachlorobutadiene	0.650	0.500	"	1.00		65.0	15-123				
Hexachlorocyclopentadiene	ND	10.0	"	1.00			10-130	Low Bias			
Hexachloroethane	0.820	0.500	"	1.00		82.0	18-115				
Indeno(1,2,3-cd)pyrene	0.890	0.0500	"	1.00		89.0	15-135				
Isophorone	ND	5.00	"	1.00			25-127	Low Bias			
Naphthalene	1.84	0.0500	"	1.00		184	18-120	High Bias			
Nitrobenzene	1.34	0.250	"	1.00		134	21-121	High Bias			
N-Nitrosodimethylamine	0.510	0.500	"	1.00		51.0	10-124				
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	0.540	0.250	"	1.00		54.0	10-156				
Phenanthrene	0.720	0.0500	"	1.00		72.0	24-127				
Phenol	ND	5.00	"	1.00			10-110	Low Bias			
Pyrene	0.690	0.0500	"	1.00		69.0	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 BE00938 - EPA 3510C											
LCS Dup (BE00938-BSD1)								Prepared & Analyzed: 05/22/2020			
1,1-Biphenyl	21.1	5.00	ug/L	25.0		84.2	33-95		0.663	20	
1,2,4,5-Tetrachlorobenzene	24.6	5.00	"	25.1		97.9	26-120		0.244	20	
1,2-Diphenylhydrazine (as Azobenzene)	20.7	5.00	"	25.0		82.7	16-141		0.0968	20	
2,3,4,6-Tetrachlorophenol	21.9	5.00	"	25.0		87.6	30-130		1.99	20	
2,4,5-Trichlorophenol	17.7	5.00	"	25.0		70.9	32-114		1.84	20	
2,4,6-Trichlorophenol	20.1	5.00	"	25.0		80.5	35-118		2.41	20	
2,4-Dichlorophenol	20.6	5.00	"	25.0		82.5	25-116		2.63	20	
2,4-Dimethylphenol	18.8	5.00	"	25.0		75.0	15-116		2.21	20	
2,4-Dinitrophenol	25.0	5.00	"	25.0		100	10-170		2.10	20	
2,4-Dinitrotoluene	21.4	5.00	"	25.0		85.4	41-128		0.799	20	
2,6-Dinitrotoluene	22.3	5.00	"	25.0		89.4	45-116		1.29	20	
2-Chloronaphthalene	18.9	5.00	"	25.0		75.5	33-112		1.32	20	
2-Chlorophenol	16.9	5.00	"	25.0		67.6	15-120		1.07	20	
2-Methylnaphthalene	21.9	5.00	"	25.0		87.7	24-118		3.67	20	
2-Methylphenol	12.6	5.00	"	25.0		50.3	10-110		2.74	20	
2-Nitroaniline	21.1	5.00	"	25.0		84.3	34-129		0.473	20	
2-Nitrophenol	20.8	5.00	"	25.0		83.2	28-118		1.62	20	
3- & 4-Methylphenols	10.2	5.00	"	25.0		40.7	10-107		1.07	20	
3,3-Dichlorobenzidine	21.4	5.00	"	25.0		85.4	15-187		4.55	20	
3-Nitroaniline	18.6	5.00	"	25.0		74.4	24-134		0.00	20	
4,6-Dinitro-2-methylphenol	27.3	5.00	"	25.0		109	10-153		1.92	20	
4-Bromophenyl phenyl ether	21.0	5.00	"	25.0		83.9	34-120		1.10	20	
4-Chloro-3-methylphenol	20.6	5.00	"	25.0		82.3	20-120		1.16	20	
4-Chloroaniline	16.8	5.00	"	25.0		67.1	10-147		1.83	20	
4-Chlorophenyl phenyl ether	19.8	5.00	"	25.0		79.1	27-121		0.304	20	
4-Nitroaniline	19.7	5.00	"	25.0		78.9	13-134		1.12	20	
4-Nitrophenol	8.32	5.00	"	25.0		33.3	10-131		0.957	20	
Acetophenone	20.1	5.00	"	25.0		80.3	25-110		0.700	20	
Aniline	10.8	5.00	"	25.0		43.2	10-117		2.91	20	
Benzaldehyde	21.3	5.00	"	25.0		85.0	29-117		2.14	20	
Benzoic acid	5.10	5.00	"	25.0		20.4	30-130	Low Bias	7.00	20	
Benzyl alcohol	13.3	5.00	"	25.0		53.1	10-117		2.31	20	
Benzyl butyl phthalate	22.8	5.00	"	25.0		91.1	29-133		2.99	20	
Bis(2-chloroethoxy)methane	19.6	5.00	"	25.0		78.3	10-154		3.02	20	
Bis(2-chloroethyl)ether	17.7	5.00	"	25.0		70.8	17-125		0.00	20	
Bis(2-chloroisopropyl)ether	19.0	5.00	"	25.0		76.1	10-139		0.890	20	
Caprolactam	3.57	5.00	"	25.0		14.3	10-137		1.67	20	
Carbazole	21.4	5.00	"	25.0		85.4	42-126		0.653	20	
Dibenzofuran	20.0	5.00	"	25.0		80.2	36-113		0.547	20	
Diethyl phthalate	20.0	5.00	"	25.0		80.1	38-115		1.68	20	
Dimethyl phthalate	20.1	5.00	"	25.0		80.4	38-129		1.04	20	
Di-n-butyl phthalate	21.5	5.00	"	25.0		85.9	31-120		0.701	20	
Di-n-octyl phthalate	26.0	5.00	"	25.0		104	21-149		1.55	20	
Diphenylamine	26.0	5.00	"	25.0		104	40-140		0.345	20	
Hexachlorocyclopentadiene	18.5	10.0	"	25.0		74.0	10-130		0.431	20	
Isophorone	21.0	5.00	"	25.0		83.8	25-127		3.01	20	
N-nitroso-di-n-propylamine	17.6	5.00	"	25.0		70.4	26-122		2.03	20	
N-Nitrosodiphenylamine	26.1	5.00	"	25.0		104	23-149		1.39	20	
Phenol	6.07	5.00	"	25.0		24.3	10-110		1.80	20	
Pyridine	6.72	5.00	"	27.5		24.4	10-90		7.73	20	
Surrogate: SURR: 2-Fluorophenol	*18.3*		*"*	*50.0*		*36.7*	*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 BE00938 - EPA 3510C											
LCS Dup (BE00938-BSD1)											
Surrogate: SURR: Phenol-d5	*11.7*		*ug/L*	*50.0*		*23.4*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*20.1*		*"*	*25.0*		*80.6*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*19.2*		*"*	*25.0*		*76.8*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*48.9*		*"*	*50.0*		*97.8*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*24.8*		*"*	*25.0*		*99.1*	*30.7-106*				

Prepared & Analyzed: 05/22/2020

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 BE00872 - EPA 3550C											
Blank (BE00872-BLK1)											Prepared: 05/21/2020 Analyzed: 05/22/2020
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	"								
Chlordane, total	ND	0.0327	"								
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	0.00817	"								
Toxaphene	ND	0.0827	"								
Surrogate: Decachlorobiphenyl	*0.0555*		*"*	*0.0660*		*84.1*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0581*		*"*	*0.0660*		*88.0*	*30-150*				
LCS (BE00872-BS1)											Prepared: 05/21/2020 Analyzed: 05/22/2020
4,4'-DDD	0.0370	0.00163	mg/kg wet	0.0330		112	40-140				
4,4'-DDE	0.0360	0.00163	"	0.0330		109	40-140				
4,4'-DDT	0.0352	0.00163	"	0.0330		107	40-140				
Aldrin	0.0362	0.00163	"	0.0330		110	40-140				
alpha-BHC	0.0328	0.00163	"	0.0330		99.4	40-140				
alpha-Chlordane	0.0356	0.00163	"	0.0330		108	40-140				
beta-BHC	0.0324	0.00163	"	0.0330		98.1	40-140				
delta-BHC	0.0344	0.00163	"	0.0330		104	40-140				
Dieldrin	0.0364	0.00163	"	0.0330		110	40-140				
Endosulfan I	0.0366	0.00163	"	0.0330		111	40-140				
Endosulfan II	0.0363	0.00163	"	0.0330		110	40-140				
Endosulfan sulfate	0.0413	0.00163	"	0.0330		125	40-140				
Endrin	0.0363	0.00163	"	0.0330		110	40-140				
Endrin aldehyde	0.0386	0.00163	"	0.0330		117	40-140				
Endrin ketone	0.0381	0.00163	"	0.0330		115	40-140				
gamma-BHC (Lindane)	0.0342	0.00163	"	0.0330		104	40-140				
gamma-Chlordane	0.0354	0.00163	"	0.0330		107	40-140				
Heptachlor	0.0371	0.00163	"	0.0330		112	40-140				
Heptachlor epoxide	0.0368	0.00163	"	0.0330		111	40-140				
Methoxychlor	0.0375	0.00817	"	0.0330		114	40-140				
Surrogate: Decachlorobiphenyl	*0.0600*		*"*	*0.0660*		*90.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0608*		*"*	*0.0660*		*92.2*	*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 BE00921 - EPA SW846-3510C Low Level											
Blank (BE00921-BLK1)									Prepared: 05/21/2020 Analyzed: 05/22/2020		
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	"								
Chlordane, total	ND	0.0200	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Surrogate: Decachlorobiphenyl	*0.284*		*"*	*0.200*		*142*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.153*		*"*	*0.200*		*76.7*	*30-150*				
LCS (BE00921-BS1)									Prepared: 05/21/2020 Analyzed: 05/22/2020		
4,4'-DDD	0.108	0.00400	ug/L	0.100		108	40-140				
4,4'-DDE	0.112	0.00400	"	0.100		112	40-140				
4,4'-DDT	0.110	0.00400	"	0.100		110	40-140				
Aldrin	0.0841	0.00400	"	0.100		84.1	40-140				
alpha-BHC	0.0989	0.00400	"	0.100		98.9	40-140				
alpha-Chlordane	0.108	0.00400	"	0.100		108	40-140				
beta-BHC	0.0928	0.00400	"	0.100		92.8	40-140				
delta-BHC	0.103	0.00400	"	0.100		103	40-140				
Dieldrin	0.108	0.00200	"	0.100		108	40-140				
Endosulfan I	0.106	0.00400	"	0.100		106	40-140				
Endosulfan II	0.112	0.00400	"	0.100		112	40-140				
Endosulfan sulfate	0.117	0.00400	"	0.100		117	40-140				
Endrin	0.101	0.00400	"	0.100		101	40-140				
Endrin aldehyde	0.107	0.0100	"	0.100		107	40-140				
Endrin ketone	0.107	0.0100	"	0.100		107	40-140				
gamma-BHC (Lindane)	0.0962	0.00400	"	0.100		96.2	40-140				
gamma-Chlordane	0.119	0.0100	"	0.100		119	40-140				
Heptachlor	0.101	0.00400	"	0.100		101	40-140				
Heptachlor epoxide	0.102	0.00400	"	0.100		102	40-140				
Methoxychlor	0.109	0.00400	"	0.100		109	40-140				
Surrogate: Decachlorobiphenyl	*0.162*		*"*	*0.200*		*81.1*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.164*		*"*	*0.200*		*81.8*	*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 BE00921 - EPA SW846-3510C Low Level											
LCS Dup (BE00921-BSD1)					Prepared: 05/21/2020 Analyzed: 05/22/2020						
4,4'-DDD	0.0976	0.00400	ug/L	0.100		97.6	40-140		9.72	20	
4,4'-DDE	0.0993	0.00400	"	0.100		99.3	40-140		11.8	20	
4,4'-DDT	0.0983	0.00400	"	0.100		98.3	40-140		11.3	20	
Aldrin	0.0780	0.00400	"	0.100		78.0	40-140		7.55	20	
alpha-BHC	0.0824	0.00400	"	0.100		82.4	40-140		18.2	20	
alpha-Chlordane	0.0875	0.00400	"	0.100		87.5	40-140		21.1	20	Non-dir.
beta-BHC	0.0861	0.00400	"	0.100		86.1	40-140		7.49	20	
delta-BHC	0.0970	0.00400	"	0.100		97.0	40-140		6.17	20	
Dieldrin	0.0976	0.00200	"	0.100		97.6	40-140		10.1	20	
Endosulfan I	0.0951	0.00400	"	0.100		95.1	40-140		10.4	20	
Endosulfan II	0.102	0.00400	"	0.100		102	40-140		9.32	20	
Endosulfan sulfate	0.118	0.00400	"	0.100		118	40-140		0.924	20	
Endrin	0.0933	0.00400	"	0.100		93.3	40-140		7.60	20	
Endrin aldehyde	0.0993	0.0100	"	0.100		99.3	40-140		7.66	20	
Endrin ketone	0.100	0.0100	"	0.100		100	40-140		6.49	20	
gamma-BHC (Lindane)	0.0904	0.00400	"	0.100		90.4	40-140		6.19	20	
gamma-Chlordane	0.0897	0.0100	"	0.100		89.7	40-140		28.3	20	Non-dir.
Heptachlor	0.0958	0.00400	"	0.100		95.8	40-140		4.95	20	
Heptachlor epoxide	0.0943	0.00400	"	0.100		94.3	40-140		8.14	20	
Methoxychlor	0.0961	0.00400	"	0.100		96.1	40-140		12.6	20	
Surrogate: Decachlorobiphenyl	*0.130*		*"*	*0.200*		*65.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.145*		*"*	*0.200*		*72.7*	*30-150*				
Batch Y0C0906 - BA00785											
Performance Mix (Y0C0906-PEM1)					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 Y0E2608 - BE00591											
Performance Mix (Y0E2608-PEM1)							Prepared & Analyzed: 05/22/2020				
4,4'-DDD	17.6		ng/mL	0.00			0-200				
4,4'-DDE	1.98		"	0.00			0-200				
4,4'-DDT	220		"	200		110	0-200				
Endrin	119		"	100		119	0-200				
Endrin aldehyde	3.82		"	0.00			0-200				
Endrin ketone	6.08		"	0.00			0-200				

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 BE00815 - EPA 3050B											
Blank (BE00815-BLK1)											Prepared: 05/20/2020 Analyzed: 05/22/2020
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 (BE00815-DUP1)	*Source sample: 20E0588-06 (EP09_eI56)										Prepared: 05/20/2020 Analyzed: 05/22/2020
Aluminum	6100	5.67	mg/kg dry		6310				3.49	35	
Antimony	ND	2.83	"		ND					35	
Arsenic	ND	1.70	"		2.00					35	
Barium	40.7	2.83	"		48.7				17.8	35	
Beryllium	ND	0.057	"		ND					35	
Cadmium	ND	0.340	"		ND					35	
Calcium	2070	5.67	"		2160				4.03	35	
Chromium	16.0	0.567	"		16.3				1.71	35	
Cobalt	7.80	0.453	"		8.48				8.35	35	
Copper	23.2	2.27	"		20.5				12.4	35	
Iron	17000	28.3	"		13200				25.3	35	
Lead	8.15	0.567	"		18.8				79.0	35	Non-dir.
Magnesium	4080	5.67	"		4360				6.58	35	
Manganese	456	0.567	"		324				33.6	35	
Nickel	45.1	1.13	"		42.3				6.52	35	
Potassium	1320	5.67	"		1450				9.43	35	
Selenium	ND	2.83	"		ND					35	
Silver	ND	0.567	"		ND					35	
Sodium	242	56.7	"		266				9.56	35	
Thallium	ND	2.83	"		ND					35	
Vanadium	23.5	1.13	"		26.4				11.9	35	
Zinc	40.2	2.83	"		37.8				5.95	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 BE00815 - EPA 3050B											
Matrix Spike (BE00815-MS1)	*Source sample: 20E0588-06 (EP09_eI56)							Prepared: 05/20/2020 Analyzed: 05/22/2020			
Aluminum	5680	5.67	mg/kg dry	227	6310	NR	75-125	Low Bias			
Antimony	6.77	2.83	"	28.3	ND	23.9	75-125	Low Bias			
Arsenic	207	1.70	"	227	2.00	90.4	75-125				
Barium	250	2.83	"	227	48.7	89.0	75-125				
Beryllium	3.24	0.057	"	5.67	ND	57.2	75-125	Low Bias			
Cadmium	5.22	0.340	"	5.67	ND	92.2	75-125				
Calcium	2170	5.67	"	113	2160	9.31	75-125	Low Bias			
Chromium	37.3	0.567	"	22.7	16.3	92.8	75-125				
Cobalt	63.1	0.453	"	56.7	8.48	96.4	75-125				
Copper	47.6	2.27	"	28.3	20.5	95.6	75-125				
Iron	11200	28.3	"	113	13200	NR	75-125	Low Bias			
Lead	58.6	0.567	"	56.7	18.8	70.3	75-125	Low Bias			
Magnesium	4720	5.67	"	113	4360	324	75-125	High Bias			
Manganese	323	0.567	"	56.7	324	NR	75-125	Low Bias			
Nickel	108	1.13	"	56.7	42.3	116	75-125				
Potassium	1290	5.67	"	113	1450	NR	75-125	Low Bias			
Selenium	181	2.83	"	227	ND	80.0	75-125				
Silver	3.70	0.567	"	5.67	ND	65.3	75-125	Low Bias			
Sodium	355	56.7	"	113	266	78.0	75-125				
Thallium	214	2.83	"	227	ND	94.6	75-125				
Vanadium	74.1	1.13	"	56.7	26.4	84.1	75-125				
Zinc	86.4	2.83	"	56.7	37.8	85.8	75-125				
Post Spike (BE00815-PS1)	*Source sample: 20E0588-06 (EP09_eI56)							Prepared: 05/20/2020 Analyzed: 05/22/2020			
Aluminum	58.6		ug/mL	2.00	55.7	145	75-125	High Bias			
Antimony	0.240		"	0.250	-0.007	95.8	75-125				
Arsenic	1.89		"	2.00	0.018	93.8	75-125				
Barium	2.40		"	2.00	0.430	98.5	75-125				
Beryllium	0.025		"	0.0500	-0.023	49.8	75-125	Low Bias			
Cadmium	0.048		"	0.0500	0.0003	94.4	75-125				
Calcium	20.1		"	1.00	19.1	106	75-125				
Chromium	0.336		"	0.200	0.144	96.2	75-125				
Cobalt	0.573		"	0.500	0.075	99.7	75-125				
Copper	0.430		"	0.250	0.181	99.4	75-125				
Iron	117		"	1.00	116	67.3	75-125	Low Bias			
Lead	0.630		"	0.500	0.166	92.9	75-125				
Magnesium	39.3		"	1.00	38.4	86.9	75-125				
Manganese	3.35		"	0.500	2.86	97.0	75-125				
Nickel	0.884		"	0.500	0.373	102	75-125				
Potassium	14.0		"	1.00	12.8	117	75-125				
Selenium	1.67		"	2.00	-0.054	83.5	75-125				
Silver	0.031		"	0.0500	-0.007	62.6	75-125	Low Bias			
Sodium	3.49		"	1.00	2.35	114	75-125				
Thallium	1.93		"	2.00	-0.019	96.5	75-125				
Vanadium	0.705		"	0.500	0.233	94.4	75-125				
Zinc	0.802		"	0.500	0.334	93.7	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 BE00815 - EPA 3050B											
Reference (BE00815-SRM1)								Prepared: 05/20/2020 Analyzed: 05/22/2020			
Aluminum	9050	5.00	mg/kg wet	8460		107	50.5-150.1				
Antimony	62.1	2.50	"	120		51.8	19-251.7				
Arsenic	104	1.50	"	95.5		109	70.1-129.8				
Barium	338	2.50	"	300		113	75-125				
Beryllium	112	0.050	"	103		109	75-125.2				
Cadmium	153	0.300	"	135		114	74.8-125.2				
Calcium	4980	5.00	"	4720		105	72.7-127.5				
Chromium	160	0.500	"	147		109	70.1-129.9				
Cobalt	51.1	0.400	"	43.2		118	75-125				
Copper	175	2.00	"	150		117	75.3-125.3				
Iron	14100	25.0	"	14400		98.2	35.8-164.6				
Lead	98.5	0.500	"	92.3		107	70-130				
Magnesium	2430	5.00	"	2300		106	61.7-137.8				
Manganese	766	0.500	"	677		113	78.1-122				
Nickel	79.5	1.00	"	59.8		133	70.1-130.1	High Bias			
Potassium	2190	5.00	"	2030		108	59.1-140.9				
Selenium	31.6	2.50	"	42.0		75.3	55.7-144.5				
Silver	44.7	0.500	"	40.3		111	69.2-130.8				
Sodium	148	50.0	"	139		106	36.1-163.3				
Thallium	92.3	2.50	"	83.1		111	65.3-146.8				
Vanadium	100	1.00	"	96.9		104	67-133.1				
Zinc	394	2.50	"	369		107	69.9-130.1				
Batch BE00846 - EPA 3015A											
Blank (BE00846-BLK1)								Prepared & Analyzed: 05/20/2020			
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	ND	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 BE00846 - EPA 3015A											
LCS (BE00846-BS1)								Prepared & Analyzed: 05/20/2020			
Aluminum	1.86		ug/mL	2.00		92.8	80-120				
Antimony	0.231		"	0.250		92.5	80-120				
Arsenic	1.77		"	2.00		88.5	80-120				
Barium	1.92		"	2.00		96.0	80-120				
Beryllium	0.046		"	0.0500		91.7	80-120				
Cadmium	0.047		"	0.0500		95.0	80-120				
Calcium	0.968		"	1.00		96.8	80-120				
Chromium	0.199		"	0.200		99.3	80-120				
Cobalt	0.491		"	0.500		98.1	80-120				
Copper	0.238		"	0.250		95.1	80-120				
Iron	0.945		"	1.00		94.5	80-120				
Lead	0.469		"	0.500		93.9	80-120				
Magnesium	0.954		"	1.00		95.4	80-120				
Manganese	0.479		"	0.500		95.7	80-120				
Nickel	0.482		"	0.500		96.5	80-120				
Potassium	0.900		"	1.00		90.0	80-120				
Selenium	1.58		"	2.00		78.8	80-120	Low Bias			
Silver	0.038		"	0.0500		75.2	80-120	Low Bias			
Sodium	0.934		"	1.00		93.4	80-120				
Thallium	1.91		"	2.00		95.6	80-120				
Vanadium	0.461		"	0.500		92.3	80-120				
Zinc	0.484		"	0.500		96.8	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 BE00841 - EPA 7473 water											
Blank (BE00841-BLK1)								Prepared & Analyzed: 05/20/2020			
Mercury	ND	0.00020	mg/L								
Duplicate (BE00841-DUP1)	*Source sample: 20E0588-07 (FB01_051920)							Prepared & Analyzed: 05/20/2020			
Mercury	ND	0.00020	mg/L		ND					20	
Matrix Spike (BE00841-MS1)	*Source sample: 20E0588-07 (FB01_051920)							Prepared & Analyzed: 05/20/2020			
Mercury	0.00935		mg/L	0.0100	0.00	93.5	75-125				
Reference (BE00841-SRM1)								Prepared & Analyzed: 05/20/2020			
Mercury	0.0112		mg/L	0.0100		112	70-130				
Batch BE00859 - EPA 7473 soil											
Blank (BE00859-BLK1)								Prepared & Analyzed: 05/20/2020			
Mercury	ND	0.0300	mg/kg wet								
Reference (BE00859-SRM1)								Prepared & Analyzed: 05/20/2020			
Mercury	3.8656		mg/kg	3.71		104	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 BE00805 - Analysis Preparation											
Blank (BE00805-BLK1)									Prepared & Analyzed: 05/19/2020		
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BE00805-BS1)									Prepared & Analyzed: 05/19/2020		
Chromium, Hexavalent	0.497	0.0100	mg/L	0.500		99.4	80-120				
Duplicate (BE00805-DUP1)	*Source sample: 20E0588-07 (FB01_051920)								Prepared & Analyzed: 05/19/2020		
Chromium, Hexavalent	ND	0.0100	mg/L		ND					20	
Matrix Spike (BE00805-MS1)	*Source sample: 20E0588-07 (FB01_051920)								Prepared & Analyzed: 05/19/2020		
Chromium, Hexavalent	0.485	0.0100	mg/L	0.500	ND	97.0	75-125				
Batch BE00818 - Analysis Preparation Soil											
Blank (BE00818-BLK1)									Prepared & Analyzed: 05/20/2020		
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BE00818-SRM1)									Prepared & Analyzed: 05/20/2020		
Cyanide, total	88.5		ug/mL	96.2		91.9	42.41-156.96				
Batch BE00855 - Analysis Preparation											
Blank (BE00855-BLK1)									Prepared & Analyzed: 05/20/2020		
Cyanide, total	ND	0.0100	mg/L								
LCS (BE00855-BS1)									Prepared & Analyzed: 05/20/2020		
Cyanide, total	0.199	0.0100	mg/L	0.200		99.5	76.2-107				

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 BE00919 - EPA SW846-3060											
Blank (BE00919-BLK1)									Prepared & Analyzed: 05/21/2020		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BE00919-SRM1)									Prepared & Analyzed: 05/21/2020		
Chromium, Hexavalent	83.7		mg/L	124		67.5	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 BE00819 - % Solids Prep											
Duplicate (BE00819-DUP1)	*Source sample: 20E0588-06 (EP09_eI56)								Prepared & Analyzed: 05/20/2020		
% Solids	87.1	0.100	%		88.3				1.33	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20E0588-01	EP01_eI56	40mL Vial with Stir Bar-Cool 4° C
20E0588-02	EP04_eI56	40mL Vial with Stir Bar-Cool 4° C
20E0588-03	EP05_eI48	40mL Vial with Stir Bar-Cool 4° C
20E0588-04	EP07_eI56	40mL Vial with Stir Bar-Cool 4° C
20E0588-05	EP08_eI56	40mL Vial with Stir Bar-Cool 4° C
20E0588-06	EP09_eI56	40mL Vial with Stir Bar-Cool 4° C
20E0588-07	FB01_051920	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20E0588-08	TB01_051920	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.
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.
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-ICV1	The recovery for this element in the Initial Calibration Verification (ICV) exceeded 110% of the expected value. Positive detections may be biased high.
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-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. 20E0588

Page 1 of 1

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: LANGAN	Company:	Company:	170384501	RUSH - Next Day (VOC ONLY)
Address: 360 W 31ST ST 8TH FL NEW YORK	Address:	Address:	YOUR Project Name: 605-625 ATLANTIC AVENUE	RUSH - Two Day
Phone: 212 479 5400	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) 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.

TOMAS MONTI
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; 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
~~EP01-051920~~	EP01_el56	S	5/19/20 700	TCL/TAL PEST 8270 VOCs	3 4oz 4 40z 1 1L
~~EP04-051920~~	EP04_el56		1000	TCL/TAL PEST 8270 SVOCs	
~~EP05-051920~~	EP05_el48		1100	TCL/TAL PEST 8270 METALS	
~~EP07-051920~~	EP07_el56		1300	PESTICIDES	
~~EP08-051920~~	EP08_el56		1400	TCN	
~~EP09-051920~~	EP09_el56		1500	TCL / HEX CHROM	
EB01-051920		AQ	701		
TB01-051920		AQ	702	TCL/TAL PEST 8270 VOCs	
*Revised by J.Golding (Langan) 5/20/20					

Comments: 24 HOUR TAT VOCs
(X) STANDARD TAT FOR ALL OTHER ANALYTES

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
TOMS MONTI / LANGAN	5/19/20 1530	TOM A / GLS	5/19/20 1530	TOM A / GLS	5/19/20 420pm
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
K. Blocker	5/19/20 420pm	K. Blocker	5/19/20 1758		
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 5/19/20 1758	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: Kimberly Semon

Report Date: 05/28/2020
Client Project ID: 170384501
York Project (SDG) No.: 20E0626

Report Date: 05/28/2020
Client Project ID: 170384501
York Project (SDG) No.: 20E0626

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 May 20, 2020 and listed below. The project was identified as your project: **170384501**.

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.

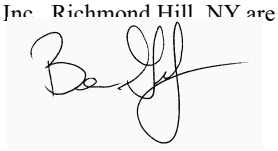
The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

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
20E0626-01	EP02_eI56	Soil	05/20/2020	05/20/2020
20E0626-02	EP03_eI56	Soil	05/20/2020	05/20/2020
20E0626-03	EP06_eI56	Soil	05/20/2020	05/20/2020
20E0626-04	FB02_052020	Water	05/20/2020	05/20/2020
20E0626-05	TB02_052020	Water	05/20/2020	05/20/2020

General Notes for York Project (SDG) No.: 20E0626

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: 05/28/2020

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: EP02_eI56 **York Sample ID:** 20E0626-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Soil	May 20, 2020 7:00 am	05/20/2020

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	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	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	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.039	0.078	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP02_eI56 **York Sample ID:** 20E0626-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Soil	May 20, 2020 7:00 am	05/20/2020

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	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP02_eI56 **York Sample ID:** 20E0626-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Soil	May 20, 2020 7:00 am	05/20/2020

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	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	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	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP02_eI56 **York Sample ID:** 20E0626-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Soil	May 20, 2020 7:00 am	05/20/2020

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	0.0039	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0059	0.012	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:02	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*95.8 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*91.8 %*	*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	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

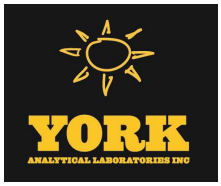
Client Sample ID: EP02_eI56 **York Sample ID:** 20E0626-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Soil	May 20, 2020 7:00 am	05/20/2020

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	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.179	0.358	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND	CCV-L	mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.179	0.358	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		



Sample Information

Client Sample ID: **EP02_eI56** **York Sample ID:** **20E0626-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Soil	May 20, 2020 7:00 am	05/20/2020

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	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP02_eI56 **York Sample ID:** 20E0626-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Soil	May 20, 2020 7:00 am	05/20/2020

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	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.179	0.358	2	EPA 8270D	05/26/2020 07:34	05/27/2020 00:56	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*67.1 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*71.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*76.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*74.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*104 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*96.5 %*	*24-116*

Sample Information

Client Sample ID: EP02_eI56 **York Sample ID:** 20E0626-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Soil	May 20, 2020 7:00 am	05/20/2020

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	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:04	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:04	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:04	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:04	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:04	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:04	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:04	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0351	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:04	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:04	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:04	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:04	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:04	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:04	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:04	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:04	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:04	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:04	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:04	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:04	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:04	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00878	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:04	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP02_eI56 **York Sample ID:** 20E0626-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Soil	May 20, 2020 7:00 am	05/20/2020

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
8001-35-2	Toxaphene	ND		mg/kg dry	0.0889	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:04	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*90.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*92.5 %*	*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**	**6940**		mg/kg dry	5.38	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.69	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.61	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**38.7**		mg/kg dry	2.69	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.054	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.323	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**2270**		mg/kg dry	5.38	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**22.0**		mg/kg dry	0.538	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**11.9**		mg/kg dry	0.430	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**28.2**		mg/kg dry	2.15	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**14700**		mg/kg dry	26.9	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**10.1**		mg/kg dry	0.538	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**4840**		mg/kg dry	5.38	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**310**		mg/kg dry	0.538	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**38.2**		mg/kg dry	1.08	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**2330**		mg/kg dry	5.38	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP02_eI56 **York Sample ID:** 20E0626-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Soil	May 20, 2020 7:00 am	05/20/2020

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
7782-49-2	Selenium	ND		mg/kg dry	2.69	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:41	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.538	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:41	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**329**		mg/kg dry	53.8	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:41	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.69	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:41	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**27.8**		mg/kg dry	1.08	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:41	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**40.1**		mg/kg dry	2.69	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:41	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	ND		mg/kg dry	0.0323	1	EPA 7473	05/21/2020 10:23	05/21/2020 10:41	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	0.538	1	EPA 7196A	05/21/2020 14:32	05/21/2020 17:48	ZTS
							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	05/27/2020 09:03	05/27/2020 09:04	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	0.538	1	EPA 9014/9010C	05/21/2020 08:35	05/21/2020 11:24	JAG
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

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

Sample Information

Client Sample ID: EP02_eI56 **York Sample ID:** 20E0626-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Soil	May 20, 2020 7:00 am	05/20/2020

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	93.0		%	0.100	1	SM 2540G	05/21/2020 08:54	05/21/2020 12:05	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: EP03_eI56 **York Sample ID:** 20E0626-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Soil	May 20, 2020 8:00 am	05/20/2020

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	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	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	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.047	0.095	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP03_eI56 **York Sample ID:** 20E0626-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Soil	May 20, 2020 8:00 am	05/20/2020

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	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0047	0.0095	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0047	0.0095	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP03_eI56 **York Sample ID:** 20E0626-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Soil	May 20, 2020 8:00 am	05/20/2020

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	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0047	0.0095	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0047	0.0095	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	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	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP03_eI56 **York Sample ID:** 20E0626-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Soil	May 20, 2020 8:00 am	05/20/2020

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	0.0047	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0071	0.014	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:30	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*	*90.7 %*	*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	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0888	0.177	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0888	0.177	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0888	0.177	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

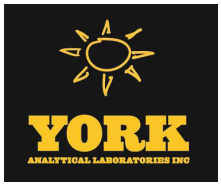
Client Sample ID: EP03_eI56 **York Sample ID:** 20E0626-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Soil	May 20, 2020 8:00 am	05/20/2020

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	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0888	0.177	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0888	0.177	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0888	0.177	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0888	0.177	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0888	0.177	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.178	0.356	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND	CCV-L	mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.178	0.356	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		



Sample Information

Client Sample ID: EP03_eI56 **York Sample ID:** 20E0626-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Soil	May 20, 2020 8:00 am	05/20/2020

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	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0888	0.177	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0888	0.177	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP03_eI56 **York Sample ID:** 20E0626-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Soil	May 20, 2020 8:00 am	05/20/2020

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	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.178	0.356	2	EPA 8270D	05/26/2020 07:34	05/27/2020 01:28	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*63.4 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*66.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*72.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*69.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*98.1 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*89.0 %*	*24-116*

Sample Information

Client Sample ID: EP03_eI56 **York Sample ID:** 20E0626-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Soil	May 20, 2020 8:00 am	05/20/2020

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	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:20	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0353	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:20	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:20	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00881	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP03_eI56 **York Sample ID:** 20E0626-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Soil	May 20, 2020 8:00 am	05/20/2020

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
8001-35-2	Toxaphene	ND		mg/kg dry	0.0892	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*89.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*93.2 %*	*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**	**6630**		mg/kg dry	5.38	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.69	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.61	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**49.0**		mg/kg dry	2.69	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.054	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.323	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**3420**		mg/kg dry	5.38	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**14.6**		mg/kg dry	0.538	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**9.37**		mg/kg dry	0.430	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**32.6**		mg/kg dry	2.15	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**21000**		mg/kg dry	26.9	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**7.65**		mg/kg dry	0.538	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3230**		mg/kg dry	5.38	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**405**		mg/kg dry	0.538	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**42.8**		mg/kg dry	1.08	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1520**		mg/kg dry	5.38	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP03_eI56 **York Sample ID:** 20E0626-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Soil	May 20, 2020 8:00 am	05/20/2020

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
7782-49-2	Selenium	ND		mg/kg dry	2.69	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.538	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**279**		mg/kg dry	53.8	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.69	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**27.6**		mg/kg dry	1.08	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**42.5**		mg/kg dry	2.69	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:43	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	ND		mg/kg dry	0.0323	1	EPA 7473	05/21/2020 10:23	05/21/2020 10:50	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	0.538	1	EPA 7196A	05/21/2020 14:32	05/21/2020 17:48	ZTS
							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	05/27/2020 09:03	05/27/2020 09:04	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	0.538	1	EPA 9014/9010C	05/21/2020 08:35	05/21/2020 11:24	JAG
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

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

Sample Information

Client Sample ID: EP03_eI56 **York Sample ID:** 20E0626-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Soil	May 20, 2020 8:00 am	05/20/2020

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	93.0		%	0.100	1	SM 2540G	05/21/2020 08:54	05/21/2020 12:05	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: EP06_eI56 **York Sample ID:** 20E0626-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Soil	May 20, 2020 9:00 am	05/20/2020

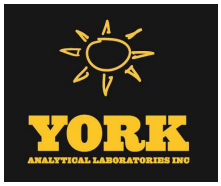
Volatiles, 8260 Comprehensive

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	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	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	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.042	0.084	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		



Sample Information

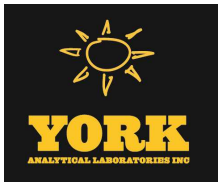
Client Sample ID: EP06_eI56 **York Sample ID:** 20E0626-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Soil	May 20, 2020 9:00 am	05/20/2020

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	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		



Sample Information

Client Sample ID: EP06_eI56 **York Sample ID:** 20E0626-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Soil	May 20, 2020 9:00 am	05/20/2020

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	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								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	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP06_eI56 **York Sample ID:** 20E0626-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Soil	May 20, 2020 9:00 am	05/20/2020

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	0.0042	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:57	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*	*90.9 %*	*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	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0896	0.179	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0896	0.179	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0896	0.179	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

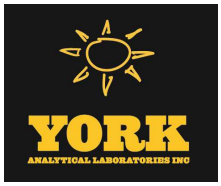
Client Sample ID: EP06_eI56 **York Sample ID:** 20E0626-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Soil	May 20, 2020 9:00 am	05/20/2020

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	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0896	0.179	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0896	0.179	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0896	0.179	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0896	0.179	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0896	0.179	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.179	0.359	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.179	0.359	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		



Sample Information

Client Sample ID: **EP06_eI56** **York Sample ID:** **20E0626-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Soil	May 20, 2020 9:00 am	05/20/2020

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	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0896	0.179	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0896	0.179	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP06_eI56 **York Sample ID:** 20E0626-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Soil	May 20, 2020 9:00 am	05/20/2020

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	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND	CCV-L	mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.179	0.359	2	EPA 8270D	05/26/2020 07:40	05/27/2020 10:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*63.7 %*		*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*66.2 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*72.7 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*70.7 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*113 %*	S-08	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*107 %*		*24-116*

Sample Information

Client Sample ID: EP06_eI56 **York Sample ID:** 20E0626-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Soil	May 20, 2020 9:00 am	05/20/2020

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	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:37	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:37	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:37	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:37	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:37	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:37	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:37	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0352	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:37	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:37	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:37	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:37	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:37	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:37	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:37	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:37	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:37	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:37	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:37	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:37	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00176	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:37	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00881	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:37	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP06_eI56 **York Sample ID:** 20E0626-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Soil	May 20, 2020 9:00 am	05/20/2020

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
8001-35-2	Toxaphene	ND		mg/kg dry	0.0891	5	EPA 8081B	05/22/2020 14:23	05/26/2020 18:37	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*85.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*90.1 %*	*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**	**7450**		mg/kg dry	5.41	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.70	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.62	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**46.6**		mg/kg dry	2.70	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.054	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.325	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**2030**		mg/kg dry	5.41	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**18.2**		mg/kg dry	0.541	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**9.09**		mg/kg dry	0.433	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**23.0**		mg/kg dry	2.16	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**13600**		mg/kg dry	27.0	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**9.13**		mg/kg dry	0.541	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3040**		mg/kg dry	5.41	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**424**		mg/kg dry	0.541	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**43.0**		mg/kg dry	1.08	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1350**		mg/kg dry	5.41	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP06_eI56 **York Sample ID:** 20E0626-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Soil	May 20, 2020 9:00 am	05/20/2020

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
7782-49-2	Selenium	ND		mg/kg dry	2.70	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.541	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**228**		mg/kg dry	54.1	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.70	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**24.0**		mg/kg dry	1.08	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**35.0**		mg/kg dry	2.70	1	EPA 6010D	05/21/2020 09:54	05/22/2020 14:46	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	0.0325	1	EPA 7473	05/21/2020 10:23	05/21/2020 10:59	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	ND		mg/kg dry	0.541	1	EPA 7196A	05/21/2020 14:32	05/21/2020 17:48	ZTS
							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**	**18.2**		mg/kg	0.500	1	Calculation	05/27/2020 09:03	05/27/2020 09:04	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	0.541	1	EPA 9014/9010C	05/21/2020 08:35	05/21/2020 11:24	JAG
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

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

Sample Information

Client Sample ID: **EP06_eI56** **York Sample ID:** **20E0626-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Soil	May 20, 2020 9:00 am	05/20/2020

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	92.4		%	0.100	1	SM 2540G	05/21/2020 08:54	05/21/2020 12:05	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: FB02_052020 **York Sample ID:** 20E0626-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Water	May 20, 2020 10:00 am	05/20/2020

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	05/21/2020 09:30	05/21/2020 12:44	SS
								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	05/21/2020 09:30	05/21/2020 12:44	SS
								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	05/21/2020 09:30	05/21/2020 12:44	SS
								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	05/21/2020 09:30	05/21/2020 12:44	SS
								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	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								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	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								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	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								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	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: FB02_052020 **York Sample ID:** 20E0626-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Water	May 20, 2020 10:00 am	05/20/2020

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	05/21/2020 09:30	05/21/2020 12:44	SS
								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	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								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	05/21/2020 09:30	05/21/2020 12:44	SS
								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	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: FB02_052020 **York Sample ID:** 20E0626-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Water	May 20, 2020 10:00 am	05/20/2020

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	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								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	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								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	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								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	05/21/2020 09:30	05/21/2020 12:44	SS
								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	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: FB02_052020 **York Sample ID:** 20E0626-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Water	May 20, 2020 10:00 am	05/20/2020

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	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	05/21/2020 09:30	05/21/2020 12:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*95.1 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.4 %*	*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	2.50	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: FB02_052020 **York Sample ID:** 20E0626-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Water	May 20, 2020 10:00 am	05/20/2020

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	2.50	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	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	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	2.50	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: FB02_052020 **York Sample ID:** 20E0626-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Water	May 20, 2020 10:00 am	05/20/2020

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	2.50	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	NELAC-NY10854,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	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	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	05/26/2020 08:30	05/26/2020 20:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*28.3 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*16.0 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*59.3 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*57.6 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*82.6 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*90.7 %*	*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: FB02_052020 **York Sample ID:** 20E0626-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Water	May 20, 2020 10:00 am	05/20/2020

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	0.0500	1	EPA 8270D SIM	05/26/2020 08:30	05/26/2020 20:27	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/26/2020 08:30	05/26/2020 20:27	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/26/2020 08:30	05/26/2020 20:27	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	05/26/2020 08:30	05/26/2020 20:27	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/26/2020 08:30	05/26/2020 20:27	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/26/2020 08:30	05/26/2020 20:27	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/26/2020 08:30	05/26/2020 20:27	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/26/2020 08:30	05/26/2020 20:27	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/26/2020 08:30	05/26/2020 20:27	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	05/26/2020 08:30	05/26/2020 20:27	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/26/2020 08:30	05/26/2020 20:27	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/26/2020 08:30	05/26/2020 20:27	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/26/2020 08:30	05/26/2020 20:27	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/26/2020 08:30	05/26/2020 20:27	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	05/26/2020 08:30	05/26/2020 20:27	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	05/26/2020 08:30	05/26/2020 20:27	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	05/26/2020 08:30	05/26/2020 20:27	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/26/2020 08:30	05/26/2020 20:27	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/26/2020 08:30	05/26/2020 20:27	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM	05/26/2020 08:30	05/26/2020 20:27	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	05/26/2020 08:30	05/26/2020 20:27	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	05/26/2020 08:30	05/26/2020 20:27	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: FB02_052020 **York Sample ID:** 20E0626-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Water	May 20, 2020 10:00 am	05/20/2020

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	0.0500	1	EPA 8270D SIM	05/26/2020 08:30	05/26/2020 20:27	OW
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	05/26/2020 08:30	05/26/2020 20:27	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	05/26/2020 14:31	05/27/2020 08:26	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	05/26/2020 14:31	05/27/2020 08:26	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	05/26/2020 14:31	05/27/2020 08:26	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	05/26/2020 14:31	05/27/2020 08:26	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	05/26/2020 14:31	05/27/2020 08:26	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	05/26/2020 14:31	05/27/2020 08:26	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	05/26/2020 14:31	05/27/2020 08:26	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	Chlordane, total	ND		ug/L	0.0200	1	EPA 8081B	05/26/2020 14:31	05/27/2020 08:26	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	05/26/2020 14:31	05/27/2020 08:26	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	05/26/2020 14:31	05/27/2020 08:26	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	05/26/2020 14:31	05/27/2020 08:26	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	05/26/2020 14:31	05/27/2020 08:26	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	05/26/2020 14:31	05/27/2020 08:26	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	05/26/2020 14:31	05/27/2020 08:26	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	05/26/2020 14:31	05/27/2020 08:26	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	05/26/2020 14:31	05/27/2020 08:26	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	05/26/2020 14:31	05/27/2020 08:26	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: FB02_052020 **York Sample ID:** 20E0626-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Water	May 20, 2020 10:00 am	05/20/2020

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
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	05/26/2020 14:31	05/27/2020 08:26	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	05/26/2020 14:31	05/27/2020 08:26	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	05/26/2020 14:31	05/27/2020 08:26	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	05/26/2020 14:31	05/27/2020 08:26	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	05/26/2020 14:31	05/27/2020 08:26	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*87.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*90.4 %*	*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	05/21/2020 14:28	05/26/2020 12:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	05/21/2020 14:28	05/26/2020 12:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**0.0733**		mg/L	0.0556	1	EPA 6010D	05/21/2020 14:28	05/26/2020 12:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	05/21/2020 14:28	05/26/2020 12:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	05/21/2020 14:28	05/26/2020 12:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	05/21/2020 14:28	05/26/2020 12:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	05/21/2020 14:28	05/26/2020 12:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	05/21/2020 14:28	05/26/2020 12:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010D	05/21/2020 14:28	05/26/2020 12:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D	05/21/2020 14:28	05/26/2020 12:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	05/21/2020 14:28	05/26/2020 12:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	Potassium	ND		mg/L	0.0556	1	EPA 6010D	05/21/2020 14:28	05/26/2020 12:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: FB02_052020 **York Sample ID:** 20E0626-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Water	May 20, 2020 10:00 am	05/20/2020

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
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	05/21/2020 14:28	05/26/2020 12:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/L	0.556	1	EPA 6010D	05/21/2020 14:28	05/26/2020 12:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	05/21/2020 14:28	05/26/2020 12:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	05/21/2020 14:28	05/26/2020 12:28	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		mg/L	0.00100	1	EPA 6020B	05/21/2020 14:30	05/22/2020 14:41	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/L	0.00100	1	EPA 6020B	05/21/2020 14:30	05/22/2020 14:41	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.000300	1	EPA 6020B	05/21/2020 14:30	05/22/2020 14:41	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.000500	1	EPA 6020B	05/21/2020 14:30	05/22/2020 14:41	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/L	0.00100	1	EPA 6020B	05/21/2020 14:30	05/22/2020 14:41	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00100	1	EPA 6020B	05/21/2020 14:30	05/22/2020 14:41	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	05/21/2020 14:21	05/21/2020 14:39	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	05/20/2020 16:36	05/20/2020 20:05	ZTS
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: FB02_052020 **York Sample ID:** 20E0626-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Water	May 20, 2020 10:00 am	05/20/2020

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	ND		mg/L	0.0100	1	Calculation	05/27/2020 09:03	05/27/2020 09:04	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	05/20/2020 14:32	05/20/2020 20:50	ZTS
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: TB02_052020 **York Sample ID:** 20E0626-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Water	May 20, 2020 11:00 am	05/20/2020

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	05/21/2020 09:30	05/21/2020 13:14	SS
								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	05/21/2020 09:30	05/21/2020 13:14	SS
								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	05/21/2020 09:30	05/21/2020 13:14	SS
								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	05/21/2020 09:30	05/21/2020 13:14	SS
								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	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								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	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								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	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								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	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB02_052020 **York Sample ID:** 20E0626-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Water	May 20, 2020 11:00 am	05/20/2020

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	05/21/2020 09:30	05/21/2020 13:14	SS
								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	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**4.05**		ug/L	1.00	2.00	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								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	05/21/2020 09:30	05/21/2020 13:14	SS
								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	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB02_052020 **York Sample ID:** 20E0626-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Water	May 20, 2020 11:00 am	05/20/2020

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	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								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	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								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	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								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	05/21/2020 09:30	05/21/2020 13:14	SS
								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	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB02_052020 **York Sample ID:** 20E0626-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0626	170384501	Water	May 20, 2020 11:00 am	05/20/2020

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	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	05/21/2020 09:30	05/21/2020 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*94.8 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*92.9 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*79-122*

Analytical Batch Summary

Batch ID: BE00855 **Preparation Method:** Analysis Preparation **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
20E0626-04	FB02_052020	05/20/20
BE00855-BLK1	Blank	05/20/20
BE00855-BS1	LCS	05/20/20

Batch ID: BE00866 **Preparation Method:** Analysis Preparation **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
20E0626-04	FB02_052020	05/20/20
BE00866-BLK1	Blank	05/20/20
BE00866-BS1	LCS	05/20/20
BE00866-DUP1	Duplicate	05/20/20
BE00866-MS1	Matrix Spike	05/20/20

Batch ID: BE00874 **Preparation Method:** Analysis Preparation Soil **Prepared By:** JAG

YORK Sample ID	Client Sample ID	Preparation Date
20E0626-01	EP02_eI56	05/21/20
20E0626-02	EP03_eI56	05/21/20
20E0626-03	EP06_eI56	05/21/20
BE00874-BLK1	Blank	05/21/20
BE00874-SRM1	Reference	05/21/20

Batch ID: BE00881 **Preparation Method:** % Solids Prep **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
20E0626-01	EP02_eI56	05/21/20
20E0626-02	EP03_eI56	05/21/20
20E0626-03	EP06_eI56	05/21/20

Batch ID: BE00889 **Preparation Method:** EPA 5035A **Prepared By:** CLS2

YORK Sample ID	Client Sample ID	Preparation Date
20E0626-01	EP02_eI56	05/21/20
20E0626-02	EP03_eI56	05/21/20
20E0626-03	EP06_eI56	05/21/20
BE00889-BLK1	Blank	05/21/20
BE00889-BLK2	Blank	05/21/20
BE00889-BLK3	Blank	05/21/20
BE00889-BS1	LCS	05/21/20
BE00889-BSD1	LCS Dup	05/21/20

Batch ID: BE00892 **Preparation Method:** EPA 5030B **Prepared By:** SS

YORK Sample ID	Client Sample ID	Preparation Date
20E0626-04	FB02_052020	05/21/20
20E0626-05	TB02_052020	05/21/20
BE00892-BLK1	Blank	05/21/20
BE00892-BS1	LCS	05/21/20
BE00892-BSD1	LCS Dup	05/21/20

Batch ID: BE00895 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20E0626-01	EP02_eI56	05/21/20
20E0626-02	EP03_eI56	05/21/20
20E0626-03	EP06_eI56	05/21/20
BE00895-BLK1	Blank	05/21/20
BE00895-DUP1	Duplicate	05/21/20
BE00895-MS1	Matrix Spike	05/21/20
BE00895-PS1	Post Spike	05/21/20
BE00895-SRM1	Reference	05/21/20

Batch ID: BE00900 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20E0626-01	EP02_eI56	05/21/20
20E0626-02	EP03_eI56	05/21/20
20E0626-03	EP06_eI56	05/21/20
BE00900-BLK1	Blank	05/21/20
BE00900-DUP1	Duplicate	05/21/20
BE00900-MS1	Matrix Spike	05/21/20
BE00900-SRM1	Reference	05/21/20

Batch ID: BE00914 **Preparation Method:** EPA 7473 water **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20E0626-04	FB02_052020	05/21/20
BE00914-BLK1	Blank	05/21/20
BE00914-DUP1	Duplicate	05/21/20
BE00914-MS1	Matrix Spike	05/21/20
BE00914-SRM1	Reference	05/21/20

Batch ID: BE00917 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20E0626-04	FB02_052020	05/21/20
BE00917-BLK1	Blank	05/21/20
BE00917-BS1	LCS	05/21/20
BE00917-DUP1	Duplicate	05/21/20
BE00917-MS1	Matrix Spike	05/21/20

BE00917-PS1	Post Spike	05/21/20

Batch ID: BE00918 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20E0626-04	FB02_052020	05/21/20
BE00918-BLK1	Blank	05/21/20
BE00918-BS1	LCS	05/21/20
BE00918-DUP1	Duplicate	05/21/20
BE00918-MS1	Matrix Spike	05/21/20

Batch ID: BE00919 **Preparation Method:** EPA SW846-3060 **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
20E0626-01	EP02_eI56	05/21/20
20E0626-02	EP03_eI56	05/21/20
20E0626-03	EP06_eI56	05/21/20
BE00919-BLK1	Blank	05/21/20
BE00919-SRM1	Reference	05/21/20

Batch ID: BE00980 **Preparation Method:** EPA 3550C **Prepared By:** LJ

YORK Sample ID	Client Sample ID	Preparation Date
20E0626-01	EP02_eI56	05/22/20
20E0626-02	EP03_eI56	05/22/20
20E0626-03	EP06_eI56	05/22/20
BE00980-BLK1	Blank	05/22/20
BE00980-BS1	LCS	05/22/20

Batch ID: BE01004 **Preparation Method:** EPA 3550C **Prepared By:** LM

YORK Sample ID	Client Sample ID	Preparation Date
20E0626-01	EP02_eI56	05/26/20
20E0626-02	EP03_eI56	05/26/20
BE01004-BLK1	Blank	05/26/20
BE01004-BS1	LCS	05/26/20

Batch ID: BE01007 **Preparation Method:** EPA 3550C **Prepared By:** CTD

YORK Sample ID	Client Sample ID	Preparation Date
20E0626-03	EP06_eI56	05/26/20
BE01007-BLK1	Blank	05/26/20
BE01007-BS1	LCS	05/26/20

Batch ID: BE01011 **Preparation Method:** EPA 3510C **Prepared By:** NT

YORK Sample ID	Client Sample ID	Preparation Date

20E0626-04	FB02_052020	05/26/20
BE01011-BLK1	Blank	05/26/20
BE01011-BLK2	Blank	05/26/20
BE01011-BS1	LCS	05/26/20
BE01011-BS2	LCS	05/26/20
BE01011-BSD1	LCS Dup	05/26/20

Batch ID: BE01042 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** SMR

YORK Sample ID	Client Sample ID	Preparation Date
20E0626-04	FB02_052020	05/26/20
BE01042-BLK1	Blank	05/26/20
BE01042-BS1	LCS	05/26/20
BE01042-BSD1	LCS Dup	05/26/20

Batch ID: BE01080 **Preparation Method:** Analysis Preparation **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
20E0626-04	FB02_052020	05/27/20

Batch ID: BE01081 **Preparation Method:** Analysis Preparation **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
20E0626-01	EP02_eI56	05/27/20
20E0626-02	EP03_eI56	05/27/20
20E0626-03	EP06_eI56	05/27/20

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 BE00889 - EPA 5035A											
Blank (BE00889-BLK1) Blank									Prepared & Analyzed: 05/21/2020		
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 BE00889 - EPA 5035A											
Blank (BE00889-BLK1) Blank								Prepared & Analyzed: 05/21/2020			
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	*49.4*		*ug/L*	*50.0*		*98.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*44.7*		*"*	*50.0*		*89.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.4*		*"*	*50.0*		*101*	*76-130*				
Blank (BE00889-BLK2) Blank								Prepared & Analyzed: 05/21/2020			
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 BE00889 - EPA 5035A											
Blank (BE00889-BLK2) Blank									Prepared & Analyzed: 05/21/2020		
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	*49.5*		*ug/L*	*50.0*		*99.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*45.6*		*"*	*50.0*		*91.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.5*		*"*	*50.0*		*97.1*	*76-130*				

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

Batch BE00889 - EPA 5035A

Blank (BE00889-BLK3) HOLDING BLANK - 20E0588 — Prepared & Analyzed: 05/21/2020

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	0.0081	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 BE00889 - EPA 5035A											
Blank (BE00889-BLK3) HOLDING BLANK - 20E0588								Prepared & Analyzed: 05/21/2020			
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	*45.0*		*"*	*50.0*		*90.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.2*		*"*	*50.0*		*96.5*	*76-130*				
LCS (BE00889-BS1) LCS								Prepared & Analyzed: 05/21/2020			
1,1,1,2-Tetrachloroethane	44.4		ug/L	50.0		88.7	75-129				
1,1,1-Trichloroethane	56.0		"	50.0		112	71-137				
1,1,2,2-Tetrachloroethane	44.4		"	50.0		88.9	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	64.3		"	50.0		129	58-146				
1,1,2-Trichloroethane	45.2		"	50.0		90.5	83-123				
1,1-Dichloroethane	54.4		"	50.0		109	75-130				
1,1-Dichloroethylene	58.4		"	50.0		117	64-137				
1,2,3-Trichlorobenzene	41.6		"	50.0		83.2	81-140				
1,2,3-Trichloropropane	41.0		"	50.0		82.0	81-126				
1,2,4-Trichlorobenzene	43.9		"	50.0		87.7	80-141				
1,2,4-Trimethylbenzene	43.2		"	50.0		86.4	84-125				
1,2-Dibromo-3-chloropropane	42.0		"	50.0		84.0	74-142				
1,2-Dibromoethane	47.7		"	50.0		95.4	86-123				
1,2-Dichlorobenzene	42.9		"	50.0		85.8	85-122				
1,2-Dichloroethane	54.8		"	50.0		110	71-133				
1,2-Dichloropropane	46.6		"	50.0		93.2	81-122				
1,3,5-Trimethylbenzene	43.6		"	50.0		87.2	82-126				
1,3-Dichlorobenzene	42.1		"	50.0		84.2	84-124				
1,4-Dichlorobenzene	42.2		"	50.0		84.3	84-124				
1,4-Dioxane	1110		"	1050		106	10-228				
2-Butanone	55.4		"	50.0		111	58-147				
2-Hexanone	49.2		"	50.0		98.3	70-139				
4-Methyl-2-pentanone	49.4		"	50.0		98.7	72-132				
Acetone	44.4		"	50.0		88.8	36-155				
Acrolein	38.3		"	50.0		76.6	10-238				
Acrylonitrile	57.9		"	50.0		116	66-141				
Benzene	56.8		"	50.0		114	77-127				
Bromochloromethane	57.2		"	50.0		114	74-129				
Bromodichloromethane	46.0		"	50.0		91.9	81-124				
Bromoform	42.4		"	50.0		84.9	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 BE00889 - EPA 5035A											
LCS (BE00889-BS1) LCS							Prepared & Analyzed: 05/21/2020				
Bromomethane	67.0		ug/L	50.0		134	32-177				
Carbon disulfide	59.4		"	50.0		119	10-136				
Carbon tetrachloride	53.1		"	50.0		106	66-143				
Chlorobenzene	45.4		"	50.0		90.9	86-120				
Chloroethane	67.6		"	50.0		135	51-142				
Chloroform	54.5		"	50.0		109	76-131				
Chloromethane	55.4		"	50.0		111	49-132				
cis-1,2-Dichloroethylene	54.9		"	50.0		110	74-132				
cis-1,3-Dichloropropylene	46.5		"	50.0		93.1	81-129				
Cyclohexane	57.8		"	50.0		116	70-130				
Dibromochloromethane	47.0		"	50.0		93.9	10-200				
Dibromomethane	45.4		"	50.0		90.7	83-124				
Dichlorodifluoromethane	63.5		"	50.0		127	28-158				
Ethyl Benzene	46.8		"	50.0		93.6	84-125				
Hexachlorobutadiene	40.5		"	50.0		81.0	83-133	Low Bias			
Isopropylbenzene	42.1		"	50.0		84.3	81-127				
Methyl acetate	53.2		"	50.0		106	41-143				
Methyl tert-butyl ether (MTBE)	56.4		"	50.0		113	74-131				
Methylcyclohexane	47.8		"	50.0		95.7	70-130				
Methylene chloride	55.0		"	50.0		110	57-141				
n-Butylbenzene	42.4		"	50.0		84.8	80-130				
n-Propylbenzene	43.1		"	50.0		86.3	74-136				
o-Xylene	46.3		"	50.0		92.6	83-123				
p- & m- Xylenes	96.0		"	100		96.0	82-128				
p-Isopropyltoluene	44.2		"	50.0		88.5	85-125				
sec-Butylbenzene	45.5		"	50.0		90.9	83-125				
Styrene	47.0		"	50.0		94.1	86-126				
tert-Butyl alcohol (TBA)	246		"	250		98.5	70-130				
tert-Butylbenzene	42.5		"	50.0		85.0	80-127				
Tetrachloroethylene	43.7		"	50.0		87.4	80-129				
Toluene	47.2		"	50.0		94.4	85-121				
trans-1,2-Dichloroethylene	59.3		"	50.0		119	72-132				
trans-1,3-Dichloropropylene	44.0		"	50.0		88.0	78-132				
Trichloroethylene	47.6		"	50.0		95.1	84-123				
Trichlorofluoromethane	55.4		"	50.0		111	62-140				
Vinyl Chloride	58.6		"	50.0		117	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.0*		*"*	*50.0*		*98.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*45.5*		*"*	*50.0*		*91.1*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.7*		*"*	*50.0*		*97.5*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BE00889 - EPA 5035A

LCS Dup (BE00889-BSD1) LCS Dup — Prepared & Analyzed: 05/21/2020

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	45.6		ug/L	50.0		91.2	75-129		2.69	30	
1,1,1-Trichloroethane	58.5		"	50.0		117	71-137		4.35	30	
1,1,2,2-Tetrachloroethane	45.3		"	50.0		90.6	79-129		1.96	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	65.4		"	50.0		131	58-146		1.57	30	
1,1,2-Trichloroethane	46.0		"	50.0		92.0	83-123		1.73	30	
1,1-Dichloroethane	55.0		"	50.0		110	75-130		1.01	30	
1,1-Dichloroethylene	61.2		"	50.0		122	64-137		4.63	30	
1,2,3-Trichlorobenzene	41.8		"	50.0		83.5	81-140		0.408	30	
1,2,3-Trichloropropane	41.2		"	50.0		82.4	81-126		0.486	30	
1,2,4-Trichlorobenzene	43.6		"	50.0		87.1	80-141		0.686	30	
1,2,4-Trimethylbenzene	44.6		"	50.0		89.2	84-125		3.14	30	
1,2-Dibromo-3-chloropropane	42.8		"	50.0		85.6	74-142		1.93	30	
1,2-Dibromoethane	46.2		"	50.0		92.5	86-123		3.07	30	
1,2-Dichlorobenzene	43.3		"	50.0		86.6	85-122		0.882	30	
1,2-Dichloroethane	53.9		"	50.0		108	71-133		1.77	30	
1,2-Dichloropropane	47.7		"	50.0		95.3	81-122		2.31	30	
1,3,5-Trimethylbenzene	45.1		"	50.0		90.2	82-126		3.31	30	
1,3-Dichlorobenzene	42.9		"	50.0		85.9	84-124		1.93	30	
1,4-Dichlorobenzene	42.2		"	50.0		84.4	84-124		0.0711	30	
1,4-Dioxane	1180		"	1050		112	10-228		5.89	30	
2-Butanone	55.8		"	50.0		112	58-147		0.773	30	
2-Hexanone	48.7		"	50.0		97.5	70-139		0.838	30	
4-Methyl-2-pentanone	49.1		"	50.0		98.3	72-132		0.447	30	
Acetone	42.1		"	50.0		84.2	36-155		5.32	30	
Acrolein	38.6		"	50.0		77.2	10-238		0.780	30	
Acrylonitrile	57.6		"	50.0		115	66-141		0.641	30	
Benzene	58.4		"	50.0		117	77-127		2.88	30	
Bromochloromethane	57.8		"	50.0		116	74-129		1.04	30	
Bromodichloromethane	47.1		"	50.0		94.2	81-124		2.43	30	
Bromoform	42.4		"	50.0		84.9	80-136		0.0471	30	
Bromomethane	68.4		"	50.0		137	32-177		2.05	30	
Carbon disulfide	61.4		"	50.0		123	10-136		3.34	30	
Carbon tetrachloride	55.1		"	50.0		110	66-143		3.72	30	
Chlorobenzene	46.2		"	50.0		92.5	86-120		1.77	30	
Chloroethane	69.9		"	50.0		140	51-142		3.31	30	
Chloroform	56.3		"	50.0		113	76-131		3.20	30	
Chloromethane	56.8		"	50.0		114	49-132		2.57	30	
cis-1,2-Dichloroethylene	57.0		"	50.0		114	74-132		3.74	30	
cis-1,3-Dichloropropylene	46.8		"	50.0		93.6	81-129		0.579	30	
Cyclohexane	59.1		"	50.0		118	70-130		2.27	30	
Dibromochloromethane	46.7		"	50.0		93.4	10-200		0.534	30	
Dibromomethane	46.0		"	50.0		92.0	83-124		1.40	30	
Dichlorodifluoromethane	66.7		"	50.0		133	28-158		4.91	30	
Ethyl Benzene	48.2		"	50.0		96.3	84-125		2.91	30	
Hexachlorobutadiene	43.4		"	50.0		86.9	83-133		7.03	30	
Isopropylbenzene	43.7		"	50.0		87.4	81-127		3.66	30	
Methyl acetate	52.2		"	50.0		104	41-143		1.86	30	
Methyl tert-butyl ether (MTBE)	56.4		"	50.0		113	74-131		0.0354	30	
Methylcyclohexane	49.0		"	50.0		98.0	70-130		2.38	30	
Methylene chloride	56.6		"	50.0		113	57-141		2.89	30	
n-Butylbenzene	45.3		"	50.0		90.6	80-130		6.66	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 BE00889 - EPA 5035A											
LCS Dup (BE00889-BSD1) LCS Dup									Prepared & Analyzed: 05/21/2020		
n-Propylbenzene	44.6		ug/L	50.0		89.3	74-136		3.42	30	
o-Xylene	47.5		"	50.0		95.0	83-123		2.54	30	
p- & m- Xylenes	98.2		"	100		98.2	82-128		2.32	30	
p-Isopropyltoluene	45.3		"	50.0		90.7	85-125		2.41	30	
sec-Butylbenzene	47.2		"	50.0		94.4	83-125		3.75	30	
Styrene	47.5		"	50.0		95.1	86-126		1.04	30	
tert-Butyl alcohol (TBA)	254		"	250		102	70-130		3.29	30	
tert-Butylbenzene	44.1		"	50.0		88.2	80-127		3.67	30	
Tetrachloroethylene	44.8		"	50.0		89.5	80-129		2.37	30	
Toluene	48.1		"	50.0		96.2	85-121		1.93	30	
trans-1,2-Dichloroethylene	60.9		"	50.0		122	72-132		2.71	30	
trans-1,3-Dichloropropylene	44.7		"	50.0		89.3	78-132		1.47	30	
Trichloroethylene	48.8		"	50.0		97.6	84-123		2.53	30	
Trichlorofluoromethane	57.8		"	50.0		116	62-140		4.42	30	
Vinyl Chloride	60.4		"	50.0		121	52-130		3.13	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.1*		*"*	*50.0*		*96.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*45.5*		*"*	*50.0*		*90.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.7*		*"*	*50.0*		*97.4*	*76-130*				
Batch BE00892 - EPA 5030B											
Blank (BE00892-BLK1) Blank									Prepared & Analyzed: 05/21/2020		
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

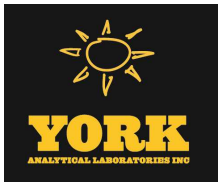
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00892 - EPA 5030B											
Blank (BE00892-BLK1) Blank									Prepared & Analyzed: 05/21/2020		
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	1.89	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	*9.46*		*"*	*10.0*		*94.6*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.43*		*"*	*10.0*		*94.3*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*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 BE00892 - EPA 5030B											
LCS (BE00892-BS1) LCS								Prepared & Analyzed: 05/21/2020			
1,1,1,2-Tetrachloroethane	8.60		ug/L	10.0		86.0	82-126				
1,1,1-Trichloroethane	10.6		"	10.0		106	78-136				
1,1,2,2-Tetrachloroethane	7.79		"	10.0		77.9	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.5		"	10.0		115	54-165				
1,1,2-Trichloroethane	8.31		"	10.0		83.1	82-123				
1,1-Dichloroethane	9.58		"	10.0		95.8	82-129				
1,1-Dichloroethylene	10.9		"	10.0		109	68-138				
1,2,3-Trichlorobenzene	7.89		"	10.0		78.9	76-136				
1,2,3-Trichloropropane	7.47		"	10.0		74.7	77-128	Low Bias			
1,2,4-Trichlorobenzene	8.24		"	10.0		82.4	76-137				
1,2,4-Trimethylbenzene	8.05		"	10.0		80.5	82-132	Low Bias			
1,2-Dibromo-3-chloropropane	7.29		"	10.0		72.9	45-147				
1,2-Dibromoethane	8.69		"	10.0		86.9	83-124				
1,2-Dichlorobenzene	7.76		"	10.0		77.6	79-123	Low Bias			
1,2-Dichloroethane	9.44		"	10.0		94.4	73-132				
1,2-Dichloropropane	8.08		"	10.0		80.8	78-126				
1,3,5-Trimethylbenzene	8.17		"	10.0		81.7	80-131				
1,3-Dichlorobenzene	7.83		"	10.0		78.3	86-122	Low Bias			
1,4-Dichlorobenzene	7.73		"	10.0		77.3	85-124	Low Bias			
1,4-Dioxane	249		"	210		119	10-349				
2-Butanone	12.6		"	10.0		126	49-152				
2-Hexanone	7.73		"	10.0		77.3	51-146				
4-Methyl-2-pentanone	8.42		"	10.0		84.2	57-145				
Acetone	6.77		"	10.0		67.7	14-150				
Acrolein	12.7		"	10.0		127	10-153				
Acrylonitrile	10.5		"	10.0		105	51-150				
Benzene	10.4		"	10.0		104	85-126				
Bromochloromethane	9.61		"	10.0		96.1	77-128				
Bromodichloromethane	8.49		"	10.0		84.9	79-128				
Bromoform	9.50		"	10.0		95.0	78-133				
Bromomethane	4.33		"	10.0		43.3	43-168				
Carbon disulfide	12.4		"	10.0		124	68-146				
Carbon tetrachloride	10.4		"	10.0		104	77-141				
Chlorobenzene	8.51		"	10.0		85.1	88-120	Low Bias			
Chloroethane	11.1		"	10.0		111	65-136				
Chloroform	9.97		"	10.0		99.7	82-128				
Chloromethane	8.93		"	10.0		89.3	43-155				
cis-1,2-Dichloroethylene	10.0		"	10.0		100	83-129				
cis-1,3-Dichloropropylene	8.58		"	10.0		85.8	80-131				
Cyclohexane	9.96		"	10.0		99.6	63-149				
Dibromochloromethane	9.18		"	10.0		91.8	80-130				
Dibromomethane	8.45		"	10.0		84.5	72-134				
Dichlorodifluoromethane	12.8		"	10.0		128	44-144				
Ethyl Benzene	8.63		"	10.0		86.3	80-131				
Hexachlorobutadiene	8.57		"	10.0		85.7	67-146				
Isopropylbenzene	7.75		"	10.0		77.5	76-140				
Methyl acetate	9.93		"	10.0		99.3	51-139				
Methyl tert-butyl ether (MTBE)	10.3		"	10.0		103	76-135				
Methylcyclohexane	8.90		"	10.0		89.0	72-143				
Methylene chloride	12.0		"	10.0		120	55-137				
n-Butylbenzene	7.08		"	10.0		70.8	79-132	Low Bias			



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 BE00892 - EPA 5030B											
LCS (BE00892-BS1) LCS								Prepared & Analyzed: 05/21/2020			
n-Propylbenzene	7.76		ug/L	10.0		77.6	78-133	Low Bias			
o-Xylene	8.45		"	10.0		84.5	78-130				
p- & m- Xylenes	17.3		"	20.0		86.4	77-133				
p-Isopropyltoluene	8.42		"	10.0		84.2	81-136				
sec-Butylbenzene	8.53		"	10.0		85.3	79-137				
Styrene	8.78		"	10.0		87.8	67-132				
tert-Butyl alcohol (TBA)	51.1		"	50.0		102	25-162				
tert-Butylbenzene	8.03		"	10.0		80.3	77-138				
Tetrachloroethylene	6.54		"	10.0		65.4	82-131	Low Bias			
Toluene	8.56		"	10.0		85.6	80-127				
trans-1,2-Dichloroethylene	10.7		"	10.0		107	80-132				
trans-1,3-Dichloropropylene	8.29		"	10.0		82.9	78-131				
Trichloroethylene	8.77		"	10.0		87.7	82-128				
Trichlorofluoromethane	9.83		"	10.0		98.3	67-139				
Vinyl Chloride	9.53		"	10.0		95.3	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.62*		*"*	*10.0*		*96.2*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.06*		*"*	*10.0*		*90.6*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.44*		*"*	*10.0*		*94.4*	*79-122*				
LCS Dup (BE00892-BSD1) LCS Dup								Prepared & Analyzed: 05/21/2020			
1,1,1,2-Tetrachloroethane	8.22		ug/L	10.0		82.2	82-126		4.52	30	
1,1,1-Trichloroethane	9.97		"	10.0		99.7	78-136		6.03	30	
1,1,2,2-Tetrachloroethane	7.64		"	10.0		76.4	76-129		1.94	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.0		"	10.0		110	54-165		4.36	30	
1,1,2-Trichloroethane	7.87		"	10.0		78.7	82-123	Low Bias	5.44	30	
1,1-Dichloroethane	9.16		"	10.0		91.6	82-129		4.48	30	
1,1-Dichloroethylene	10.3		"	10.0		103	68-138		5.57	30	
1,2,3-Trichlorobenzene	7.85		"	10.0		78.5	76-136		0.508	30	
1,2,3-Trichloropropane	7.47		"	10.0		74.7	77-128	Low Bias	0.00	30	
1,2,4-Trichlorobenzene	8.18		"	10.0		81.8	76-137		0.731	30	
1,2,4-Trimethylbenzene	8.04		"	10.0		80.4	82-132	Low Bias	0.124	30	
1,2-Dibromo-3-chloropropane	7.31		"	10.0		73.1	45-147		0.274	30	
1,2-Dibromoethane	8.42		"	10.0		84.2	83-124		3.16	30	
1,2-Dichlorobenzene	7.66		"	10.0		76.6	79-123	Low Bias	1.30	30	
1,2-Dichloroethane	8.78		"	10.0		87.8	73-132		7.24	30	
1,2-Dichloropropane	7.64		"	10.0		76.4	78-126	Low Bias	5.60	30	
1,3,5-Trimethylbenzene	8.18		"	10.0		81.8	80-131		0.122	30	
1,3-Dichlorobenzene	7.70		"	10.0		77.0	86-122	Low Bias	1.67	30	
1,4-Dichlorobenzene	7.66		"	10.0		76.6	85-124	Low Bias	0.910	30	
1,4-Dioxane	219		"	210		104	10-349		12.9	30	
2-Butanone	11.6		"	10.0		116	49-152		8.42	30	
2-Hexanone	7.29		"	10.0		72.9	51-146		5.86	30	
4-Methyl-2-pentanone	8.13		"	10.0		81.3	57-145		3.50	30	
Acetone	5.95		"	10.0		59.5	14-150		12.9	30	
Acrolein	11.0		"	10.0		110	10-153		14.8	30	
Acrylonitrile	9.06		"	10.0		90.6	51-150		15.1	30	
Benzene	9.78		"	10.0		97.8	85-126		6.53	30	
Bromochloromethane	8.79		"	10.0		87.9	77-128		8.91	30	
Bromodichloromethane	8.29		"	10.0		82.9	79-128		2.38	30	
Bromoform	8.89		"	10.0		88.9	78-133		6.63	30	
Bromomethane	4.70		"	10.0		47.0	43-168		8.19	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 BE00892 - EPA 5030B											
LCS Dup (BE00892-BSD1) LCS Dup								Prepared & Analyzed: 05/21/2020			
Carbon disulfide	11.4		ug/L	10.0		114	68-146		7.74	30	
Carbon tetrachloride	9.79		"	10.0		97.9	77-141		5.75	30	
Chlorobenzene	8.20		"	10.0		82.0	88-120	Low Bias	3.71	30	
Chloroethane	10.4		"	10.0		104	65-136		6.51	30	
Chloroform	9.28		"	10.0		92.8	82-128		7.17	30	
Chloromethane	8.27		"	10.0		82.7	43-155		7.67	30	
cis-1,2-Dichloroethylene	9.33		"	10.0		93.3	83-129		7.03	30	
cis-1,3-Dichloropropylene	8.14		"	10.0		81.4	80-131		5.26	30	
Cyclohexane	9.27		"	10.0		92.7	63-149		7.18	30	
Dibromochloromethane	8.80		"	10.0		88.0	80-130		4.23	30	
Dibromomethane	8.03		"	10.0		80.3	72-134		5.10	30	
Dichlorodifluoromethane	12.0		"	10.0		120	44-144		6.14	30	
Ethyl Benzene	8.40		"	10.0		84.0	80-131		2.70	30	
Hexachlorobutadiene	8.43		"	10.0		84.3	67-146		1.65	30	
Isopropylbenzene	7.86		"	10.0		78.6	76-140		1.41	30	
Methyl acetate	12.4		"	10.0		124	51-139		21.7	30	
Methyl tert-butyl ether (MTBE)	9.58		"	10.0		95.8	76-135		7.53	30	
Methylcyclohexane	8.61		"	10.0		86.1	72-143		3.31	30	
Methylene chloride	11.0		"	10.0		110	55-137		8.34	30	
n-Butylbenzene	7.51		"	10.0		75.1	79-132	Low Bias	5.89	30	
n-Propylbenzene	7.77		"	10.0		77.7	78-133	Low Bias	0.129	30	
o-Xylene	8.22		"	10.0		82.2	78-130		2.76	30	
p- & m- Xylenes	16.7		"	20.0		83.5	77-133		3.47	30	
p-Isopropyltoluene	8.29		"	10.0		82.9	81-136		1.56	30	
sec-Butylbenzene	8.38		"	10.0		83.8	79-137		1.77	30	
Styrene	8.43		"	10.0		84.3	67-132		4.07	30	
tert-Butyl alcohol (TBA)	45.6		"	50.0		91.3	25-162		11.3	30	
tert-Butylbenzene	7.98		"	10.0		79.8	77-138		0.625	30	
Tetrachloroethylene	6.25		"	10.0		62.5	82-131	Low Bias	4.53	30	
Toluene	8.31		"	10.0		83.1	80-127		2.96	30	
trans-1,2-Dichloroethylene	10.0		"	10.0		100	80-132		7.04	30	
trans-1,3-Dichloropropylene	7.95		"	10.0		79.5	78-131		4.19	30	
Trichloroethylene	8.55		"	10.0		85.5	82-128		2.54	30	
Trichlorofluoromethane	9.25		"	10.0		92.5	67-139		6.08	30	
Vinyl Chloride	9.03		"	10.0		90.3	58-145		5.39	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.78*		*"*	*10.0*		*87.8*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.20*		*"*	*10.0*		*92.0*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.70*		*"*	*10.0*		*97.0*	*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 BE01004 - EPA 3550C

Blank (BE01004-BLK1) Blank — Prepared & Analyzed: 05/26/2020

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 BE01004 - EPA 3550C											
Blank (BE01004-BLK1) Blank									Prepared & Analyzed: 05/26/2020		
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	*1.34*		"	*1.66*		*80.5*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.36*		"	*1.66*		*81.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.731*		"	*0.831*		*88.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.705*		"	*0.831*		*84.9*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.77*		"	*1.66*		*107*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.918*		"	*0.831*		*111*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BE01004 - EPA 3550C

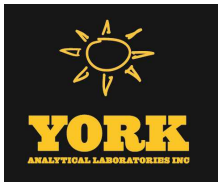
LCS (BE01004-BS1) LCS — Prepared & Analyzed: 05/26/2020

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.755	0.0416	mg/kg wet	0.831		90.9	18-111				
1,2,4,5-Tetrachlorobenzene	0.886	0.0830	"	0.831		107	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.738	0.0416	"	0.831		88.9	17-137				
2,3,4,6-Tetrachlorophenol	0.771	0.0830	"	0.831		92.8	30-130				
2,4,5-Trichlorophenol	0.606	0.0416	"	0.831		72.9	27-118				
2,4,6-Trichlorophenol	0.698	0.0416	"	0.831		84.0	31-120				
2,4-Dichlorophenol	0.744	0.0416	"	0.831		89.5	20-127				
2,4-Dimethylphenol	0.726	0.0416	"	0.831		87.4	14-132				
2,4-Dinitrophenol	0.844	0.0830	"	0.831		102	10-171				
2,4-Dinitrotoluene	0.734	0.0416	"	0.831		88.4	34-131				
2,6-Dinitrotoluene	0.774	0.0416	"	0.831		93.2	31-128				
2-Chloronaphthalene	0.667	0.0416	"	0.831		80.3	31-117				
2-Chlorophenol	0.664	0.0416	"	0.831		79.9	33-113				
2-Methylnaphthalene	0.787	0.0416	"	0.831		94.7	12-138				
2-Methylphenol	0.594	0.0416	"	0.831		71.5	10-136				
2-Nitroaniline	0.733	0.0830	"	0.831		88.2	27-132				
2-Nitrophenol	0.754	0.0416	"	0.831		90.8	17-129				
3- & 4-Methylphenols	0.527	0.0416	"	0.831		63.4	29-103				
3,3-Dichlorobenzidine	0.735	0.0416	"	0.831		88.4	22-149				
3-Nitroaniline	0.646	0.0830	"	0.831		77.7	20-133				
4,6-Dinitro-2-methylphenol	1.01	0.0830	"	0.831		121	10-143				
4-Bromophenyl phenyl ether	0.741	0.0416	"	0.831		89.2	29-120				
4-Chloro-3-methylphenol	0.761	0.0416	"	0.831		91.6	24-129				
4-Chloroaniline	0.585	0.0416	"	0.831		70.4	10-132				
4-Chlorophenyl phenyl ether	0.688	0.0416	"	0.831		82.8	27-124				
4-Nitroaniline	0.676	0.0830	"	0.831		81.4	16-128				
4-Nitrophenol	0.670	0.0830	"	0.831		80.7	10-141				
Acenaphthene	0.739	0.0416	"	0.831		88.9	30-121				
Acenaphthylene	0.704	0.0416	"	0.831		84.8	30-115				
Acetophenone	0.705	0.0416	"	0.831		84.9	20-112				
Aniline	0.608	0.166	"	0.831		73.2	10-119				
Anthracene	0.799	0.0416	"	0.831		96.2	34-118				
Atrazine	0.846	0.0416	"	0.831		102	26-112				
Benzaldehyde	0.755	0.0416	"	0.831		90.9	21-100				
Benzo(a)anthracene	0.821	0.0416	"	0.831		98.8	32-122				
Benzo(a)pyrene	0.793	0.0416	"	0.831		95.5	29-133				
Benzo(b)fluoranthene	0.827	0.0416	"	0.831		99.5	25-133				
Benzo(g,h,i)perylene	0.780	0.0416	"	0.831		93.9	10-143				
Benzo(k)fluoranthene	0.796	0.0416	"	0.831		95.9	25-128				
Benzoic acid	0.339	0.0416	"	0.831		40.8	10-140				
Benzyl alcohol	0.728	0.0416	"	0.831		87.6	30-115				
Benzyl butyl phthalate	0.752	0.0416	"	0.831		90.6	26-126				
Bis(2-chloroethoxy)methane	0.695	0.0416	"	0.831		83.7	19-132				
Bis(2-chloroethyl)ether	0.637	0.0416	"	0.831		76.6	19-125				
Bis(2-chloroisopropyl)ether	0.677	0.0416	"	0.831		81.5	20-135				
Bis(2-ethylhexyl)phthalate	0.775	0.0416	"	0.831		93.4	10-155				
Caprolactam	0.823	0.0830	"	0.831		99.1	10-127				
Carbazole	0.718	0.0416	"	0.831		86.5	35-123				
Chrysene	0.797	0.0416	"	0.831		96.0	32-123				
Dibenzo(a,h)anthracene	0.793	0.0416	"	0.831		95.4	10-136				
Dibenzofuran	0.699	0.0416	"	0.831		84.2	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 BE01004 - EPA 3550C											
LCS (BE01004-BS1) LCS							Prepared & Analyzed: 05/26/2020				
Diethyl phthalate	0.686	0.0416	mg/kg wet	0.831		82.6	34-116				
Dimethyl phthalate	0.689	0.0416	"	0.831		82.9	35-124				
Di-n-butyl phthalate	0.722	0.0416	"	0.831		86.9	31-116				
Di-n-octyl phthalate	0.828	0.0416	"	0.831		99.6	26-136				
Diphenylamine	0.958	0.0830	"	0.831		115	40-140				
Fluoranthene	0.822	0.0416	"	0.831		98.9	33-122				
Fluorene	0.760	0.0416	"	0.831		91.6	29-123				
Hexachlorobenzene	0.719	0.0416	"	0.831		86.6	21-124				
Hexachlorobutadiene	0.716	0.0416	"	0.831		86.2	10-149				
Hexachlorocyclopentadiene	0.754	0.0416	"	0.831		90.8	10-129				
Hexachloroethane	0.640	0.0416	"	0.831		77.0	28-108				
Indeno(1,2,3-cd)pyrene	0.804	0.0416	"	0.831		96.8	10-135				
Isophorone	0.730	0.0416	"	0.831		87.8	20-132				
Naphthalene	0.769	0.0416	"	0.831		92.6	23-124				
Nitrobenzene	0.676	0.0416	"	0.831		81.4	13-132				
N-Nitrosodimethylamine	0.521	0.0416	"	0.831		62.7	11-129				
N-nitroso-di-n-propylamine	0.633	0.0416	"	0.831		76.2	24-119				
N-Nitrosodiphenylamine	0.956	0.0416	"	0.831		115	22-152				
Pentachlorophenol	0.768	0.0416	"	0.831		92.5	10-139				
Phenanthrene	0.785	0.0416	"	0.831		94.5	33-123				
Phenol	0.650	0.0416	"	0.831		78.3	23-115				
Pyrene	0.801	0.0416	"	0.831		96.4	32-130				
Pyridine	0.487	0.166	"	0.831		58.7	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.38*		"	*1.66*		*82.9*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.39*		"	*1.66*		*83.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.758*		"	*0.831*		*91.3*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.731*		"	*0.831*		*88.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.95*		"	*1.66*		*118*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.930*		"	*0.831*		*112*	*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 BE01007 - EPA 3550C											
Blank (BE01007-BLK1) Blank									Prepared: 05/26/2020 Analyzed: 05/27/2020		
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 BE01007 - EPA 3550C											
Blank (BE01007-BLK1) Blank									Prepared: 05/26/2020 Analyzed: 05/27/2020		
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	*1.62*		"	*1.66*		*97.4*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.69*		"	*1.66*		*102*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.924*		"	*0.831*		*111*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.893*		"	*0.831*		*107*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.54*		"	*1.66*		*153*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*1.20*		"	*0.831*		*144*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

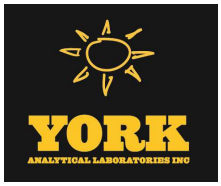
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE01007 - EPA 3550C											
LCS (BE01007-BS1) LCS								Prepared: 05/26/2020 Analyzed: 05/27/2020			
1,1-Biphenyl	0.809	0.0416	mg/kg wet	0.831		97.4	18-111				
1,2,4,5-Tetrachlorobenzene	0.961	0.0830	"	0.831		116	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.787	0.0416	"	0.831		94.7	17-137				
2,3,4,6-Tetrachlorophenol	0.885	0.0830	"	0.831		107	30-130				
2,4,5-Trichlorophenol	0.684	0.0416	"	0.831		82.4	27-118				
2,4,6-Trichlorophenol	0.798	0.0416	"	0.831		96.0	31-120				
2,4-Dichlorophenol	0.836	0.0416	"	0.831		101	20-127				
2,4-Dimethylphenol	0.793	0.0416	"	0.831		95.5	14-132				
2,4-Dinitrophenol	0.986	0.0830	"	0.831		119	10-171				
2,4-Dinitrotoluene	0.840	0.0416	"	0.831		101	34-131				
2,6-Dinitrotoluene	0.879	0.0416	"	0.831		106	31-128				
2-Chloronaphthalene	0.731	0.0416	"	0.831		88.0	31-117				
2-Chlorophenol	0.737	0.0416	"	0.831		88.7	33-113				
2-Methylnaphthalene	0.873	0.0416	"	0.831		105	12-138				
2-Methylphenol	0.662	0.0416	"	0.831		79.7	10-136				
2-Nitroaniline	0.835	0.0830	"	0.831		101	27-132				
2-Nitrophenol	0.822	0.0416	"	0.831		99.0	17-129				
3- & 4-Methylphenols	0.595	0.0416	"	0.831		71.7	29-103				
3,3-Dichlorobenzidine	0.890	0.0416	"	0.831		107	22-149				
3-Nitroaniline	0.741	0.0830	"	0.831		89.2	20-133				
4,6-Dinitro-2-methylphenol	1.12	0.0830	"	0.831		135	10-143				
4-Bromophenyl phenyl ether	0.854	0.0416	"	0.831		103	29-120				
4-Chloro-3-methylphenol	0.868	0.0416	"	0.831		104	24-129				
4-Chloroaniline	0.648	0.0416	"	0.831		78.0	10-132				
4-Chlorophenyl phenyl ether	0.782	0.0416	"	0.831		94.1	27-124				
4-Nitroaniline	0.759	0.0830	"	0.831		91.4	16-128				
4-Nitrophenol	0.741	0.0830	"	0.831		89.2	10-141				
Acenaphthene	0.811	0.0416	"	0.831		97.7	30-121				
Acenaphthylene	0.780	0.0416	"	0.831		93.9	30-115				
Acetophenone	0.770	0.0416	"	0.831		92.8	20-112				
Aniline	0.656	0.166	"	0.831		79.0	10-119				
Anthracene	0.885	0.0416	"	0.831		107	34-118				
Atrazine	0.937	0.0416	"	0.831		113	26-112	High Bias			
Benzaldehyde	0.793	0.0416	"	0.831		95.5	21-100				
Benzo(a)anthracene	0.910	0.0416	"	0.831		110	32-122				
Benzo(a)pyrene	0.877	0.0416	"	0.831		106	29-133				
Benzo(b)fluoranthene	0.920	0.0416	"	0.831		111	25-133				
Benzo(g,h,i)perylene	0.872	0.0416	"	0.831		105	10-143				
Benzo(k)fluoranthene	0.856	0.0416	"	0.831		103	25-128				
Benzoic acid	0.499	0.0416	"	0.831		60.0	10-140				
Benzyl alcohol	0.810	0.0416	"	0.831		97.5	30-115				
Benzyl butyl phthalate	0.847	0.0416	"	0.831		102	26-126				
Bis(2-chloroethoxy)methane	0.758	0.0416	"	0.831		91.2	19-132				
Bis(2-chloroethyl)ether	0.693	0.0416	"	0.831		83.4	19-125				
Bis(2-chloroisopropyl)ether	0.709	0.0416	"	0.831		85.4	20-135				
Bis(2-ethylhexyl)phthalate	0.856	0.0416	"	0.831		103	10-155				
Caprolactam	0.928	0.0830	"	0.831		112	10-127				
Carbazole	0.791	0.0416	"	0.831		95.2	35-123				
Chrysene	0.872	0.0416	"	0.831		105	32-123				
Dibenzo(a,h)anthracene	0.890	0.0416	"	0.831		107	10-136				
Dibenzofuran	0.781	0.0416	"	0.831		94.1	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 BE01007 - EPA 3550C											
LCS (BE01007-BS1) LCS									Prepared: 05/26/2020 Analyzed: 05/27/2020		
Diethyl phthalate	0.782	0.0416	mg/kg wet	0.831		94.1	34-116				
Dimethyl phthalate	0.780	0.0416	"	0.831		93.9	35-124				
Di-n-butyl phthalate	0.807	0.0416	"	0.831		97.2	31-116				
Di-n-octyl phthalate	0.919	0.0416	"	0.831		111	26-136				
Diphenylamine	1.07	0.0830	"	0.831		129	40-140				
Fluoranthene	0.916	0.0416	"	0.831		110	33-122				
Fluorene	0.848	0.0416	"	0.831		102	29-123				
Hexachlorobenzene	0.812	0.0416	"	0.831		97.7	21-124				
Hexachlorobutadiene	0.802	0.0416	"	0.831		96.5	10-149				
Hexachlorocyclopentadiene	0.801	0.0416	"	0.831		96.4	10-129				
Hexachloroethane	0.715	0.0416	"	0.831		86.0	28-108				
Indeno(1,2,3-cd)pyrene	0.931	0.0416	"	0.831		112	10-135				
Isophorone	0.793	0.0416	"	0.831		95.5	20-132				
Naphthalene	0.842	0.0416	"	0.831		101	23-124				
Nitrobenzene	0.720	0.0416	"	0.831		86.7	13-132				
N-Nitrosodimethylamine	0.521	0.0416	"	0.831		62.7	11-129				
N-nitroso-di-n-propylamine	0.693	0.0416	"	0.831		83.4	24-119				
N-Nitrosodiphenylamine	1.07	0.0416	"	0.831		129	22-152				
Pentachlorophenol	0.899	0.0416	"	0.831		108	10-139				
Phenanthrene	0.870	0.0416	"	0.831		105	33-123				
Phenol	0.700	0.0416	"	0.831		84.3	23-115				
Pyrene	0.892	0.0416	"	0.831		107	32-130				
Pyridine	0.503	0.166	"	0.831		60.6	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.47*		"	*1.66*		*88.3*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.53*		"	*1.66*		*91.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.817*		"	*0.831*		*98.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.804*		"	*0.831*		*96.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.38*		"	*1.66*		*143*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*1.06*		"	*0.831*		*128*	*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 BE01011 - EPA 3510C											
Blank (BE01011-BLK1) Blank									Prepared & Analyzed: 05/26/2020		
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 BE01011 - EPA 3510C											
Blank (BE01011-BLK1) Blank									Prepared & Analyzed: 05/26/2020		
Surrogate: SURR: 2-Fluorophenol	*18.7*		*ug/L*	*50.0*		*37.4*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*10.5*		*"*	*50.0*		*21.0*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*20.1*		*"*	*25.0*		*80.3*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*20.2*		*"*	*25.0*		*80.9*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*58.3*		*"*	*50.0*		*117*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*29.2*		*"*	*25.0*		*117*	*30.7-106*				
Blank (BE01011-BLK2) Blank									Prepared & Analyzed: 05/26/2020		
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 BE01011 - EPA 3510C											
LCS (BE01011-BS1) LCS							Prepared & Analyzed: 05/26/2020				
1,1-Biphenyl	19.3	5.00	ug/L	25.0		77.2	33-95				
1,2,4,5-Tetrachlorobenzene	23.7	5.00	"	25.1		94.5	26-120				
1,2-Diphenylhydrazine (as Azobenzene)	19.4	5.00	"	25.0		77.4	16-141				
2,3,4,6-Tetrachlorophenol	27.7	5.00	"	25.0		111	30-130				
2,4,5-Trichlorophenol	20.3	5.00	"	25.0		81.3	32-114				
2,4,6-Trichlorophenol	23.4	5.00	"	25.0		93.4	35-118				
2,4-Dichlorophenol	20.9	5.00	"	25.0		83.7	25-116				
2,4-Dimethylphenol	18.1	5.00	"	25.0		72.3	15-116				
2,4-Dinitrophenol	29.5	5.00	"	25.0		118	10-170				
2,4-Dinitrotoluene	26.4	5.00	"	25.0		105	41-128				
2,6-Dinitrotoluene	24.8	5.00	"	25.0		99.4	45-116				
2-Chloronaphthalene	19.8	5.00	"	25.0		79.1	33-112				
2-Chlorophenol	15.8	5.00	"	25.0		63.1	15-120				
2-Methylnaphthalene	21.6	5.00	"	25.0		86.4	24-118				
2-Methylphenol	12.4	5.00	"	25.0		49.8	10-110				
2-Nitroaniline	22.8	5.00	"	25.0		91.1	34-129				
2-Nitrophenol	20.9	5.00	"	25.0		83.6	28-118				
3- & 4-Methylphenols	9.77	5.00	"	25.0		39.1	10-107				
3,3-Dichlorobenzidine	22.5	5.00	"	25.0		90.0	15-187				
3-Nitroaniline	19.5	5.00	"	25.0		78.0	24-134				
4,6-Dinitro-2-methylphenol	29.8	5.00	"	25.0		119	10-153				
4-Bromophenyl phenyl ether	23.2	5.00	"	25.0		92.8	34-120				
4-Chloro-3-methylphenol	21.4	5.00	"	25.0		85.7	20-120				
4-Chloroaniline	16.0	5.00	"	25.0		64.1	10-147				
4-Chlorophenyl phenyl ether	22.1	5.00	"	25.0		88.4	27-121				
4-Nitroaniline	21.0	5.00	"	25.0		83.9	13-134				
4-Nitrophenol	9.45	5.00	"	25.0		37.8	10-131				
Acetophenone	17.1	5.00	"	25.0		68.6	25-110				
Aniline	10.8	5.00	"	25.0		43.0	10-117				
Benzaldehyde	18.2	5.00	"	25.0		72.9	29-117				
Benzoic acid	6.11	5.00	"	25.0		24.4	30-130	Low Bias			
Benzyl alcohol	12.8	5.00	"	25.0		51.2	10-117				
Benzyl butyl phthalate	26.4	5.00	"	25.0		105	29-133				
Bis(2-chloroethoxy)methane	18.6	5.00	"	25.0		74.5	10-154				
Bis(2-chloroethyl)ether	16.8	5.00	"	25.0		67.3	17-125				
Bis(2-chloroisopropyl)ether	18.1	5.00	"	25.0		72.3	10-139				
Caprolactam	3.52	5.00	"	25.0		14.1	10-137				
Carbazole	24.7	5.00	"	25.0		98.9	42-126				
Dibenzofuran	22.9	5.00	"	25.0		91.6	36-113				
Diethyl phthalate	23.6	5.00	"	25.0		94.5	38-115				
Dimethyl phthalate	23.4	5.00	"	25.0		93.5	38-129				
Di-n-butyl phthalate	26.0	5.00	"	25.0		104	31-120				
Di-n-octyl phthalate	26.6	5.00	"	25.0		107	21-149				
Diphenylamine	24.7	5.00	"	25.0		98.9	40-140				
Hexachlorocyclopentadiene	18.8	10.0	"	25.0		75.2	10-130				
Isophorone	20.8	5.00	"	25.0		83.3	25-127				
N-nitroso-di-n-propylamine	18.3	5.00	"	25.0		73.2	26-122				
N-Nitrosodiphenylamine	26.4	5.00	"	25.0		106	23-149				
Phenol	5.86	5.00	"	25.0		23.4	10-110				
Pyridine	8.28	5.00	"	27.5		30.1	10-90				
Surrogate: SURR: 2-Fluorophenol	*18.4*		*"*	*50.0*		*36.9*	*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 BE01011 - EPA 3510C											
LCS (BE01011-BS1) LCS							Prepared & Analyzed: 05/26/2020				
Surrogate: SURR: Phenol-d5	*11.4*		*ug/L*	*50.0*		*22.7*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*19.2*		*"*	*25.0*		*76.6*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*20.6*		*"*	*25.0*		*82.4*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*62.2*		*"*	*50.0*		*124*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*31.2*		*"*	*25.0*		*125*	*30.7-106*				
LCS (BE01011-BS2) LCS							Prepared & Analyzed: 05/26/2020				
Acenaphthene	0.730	0.0500	ug/L	1.00		73.0	25-116				
Acenaphthylene	0.710	0.0500	"	1.00		71.0	26-116				
Anthracene	0.800	0.0500	"	1.00		80.0	25-123				
Benzo(a)anthracene	0.830	0.0500	"	1.00		83.0	33-125				
Benzo(a)pyrene	0.950	0.0500	"	1.00		95.0	32-132				
Benzo(b)fluoranthene	1.05	0.0500	"	1.00		105	22-137				
Benzo(g,h,i)perylene	1.13	0.0500	"	1.00		113	10-138				
Benzo(k)fluoranthene	0.990	0.0500	"	1.00		99.0	20-137				
Bis(2-ethylhexyl)phthalate	1.44	0.500	"	1.00		144	10-189				
Chrysene	0.930	0.0500	"	1.00		93.0	32-124				
Dibenzo(a,h)anthracene	1.21	0.0500	"	1.00		121	16-133				
Fluoranthene	0.880	0.0500	"	1.00		88.0	32-121				
Fluorene	0.830	0.0500	"	1.00		83.0	28-118				
Hexachlorobenzene	0.630	0.0200	"	1.00		63.0	23-124				
Hexachlorobutadiene	0.790	0.500	"	1.00		79.0	15-123				
Hexachloroethane	0.920	0.500	"	1.00		92.0	18-115				
Indeno(1,2,3-cd)pyrene	1.17	0.0500	"	1.00		117	15-135				
Naphthalene	0.770	0.0500	"	1.00		77.0	18-120				
Nitrobenzene	1.49	0.250	"	1.00		149	21-121	High Bias			
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.680	0.250	"	1.00		68.0	10-156				
Phenanthrene	0.850	0.0500	"	1.00		85.0	24-127				
Pyrene	0.840	0.0500	"	1.00		84.0	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 BE01011 - EPA 3510C											
LCS Dup (BE01011-BSD1) LCS Dup							Prepared & Analyzed: 05/26/2020				
1,1-Biphenyl	23.1	5.00	ug/L	25.0		92.4	33-95		18.0	20	
1,2,4,5-Tetrachlorobenzene	30.0	5.00	"	25.1		119	26-120		23.2	20	Non-dir.
1,2-Diphenylhydrazine (as Azobenzene)	21.5	5.00	"	25.0		85.8	16-141		10.3	20	
2,3,4,6-Tetrachlorophenol	32.8	5.00	"	25.0		131	30-130	High Bias	16.8	20	
2,4,5-Trichlorophenol	25.1	5.00	"	25.0		101	32-114		21.2	20	Non-dir.
2,4,6-Trichlorophenol	27.1	5.00	"	25.0		108	35-118		14.9	20	
2,4-Dichlorophenol	25.7	5.00	"	25.0		103	25-116		20.3	20	Non-dir.
2,4-Dimethylphenol	22.3	5.00	"	25.0		89.2	15-116		21.0	20	Non-dir.
2,4-Dinitrophenol	35.7	5.00	"	25.0		143	10-170		19.1	20	
2,4-Dinitrotoluene	28.8	5.00	"	25.0		115	41-128		8.82	20	
2,6-Dinitrotoluene	28.2	5.00	"	25.0		113	45-116		12.7	20	
2-Chloronaphthalene	24.3	5.00	"	25.0		97.0	33-112		20.4	20	Non-dir.
2-Chlorophenol	19.2	5.00	"	25.0		76.8	15-120		19.5	20	
2-Methylnaphthalene	25.8	5.00	"	25.0		103	24-118		17.8	20	
2-Methylphenol	15.0	5.00	"	25.0		60.0	10-110		18.7	20	
2-Nitroaniline	26.3	5.00	"	25.0		105	34-129		14.5	20	
2-Nitrophenol	26.5	5.00	"	25.0		106	28-118		23.6	20	Non-dir.
3- & 4-Methylphenols	11.7	5.00	"	25.0		46.7	10-107		17.7	20	
3,3-Dichlorobenzidine	22.4	5.00	"	25.0		89.5	15-187		0.490	20	
3-Nitroaniline	19.5	5.00	"	25.0		78.0	24-134		0.00	20	
4,6-Dinitro-2-methylphenol	32.4	5.00	"	25.0		130	10-153		8.42	20	
4-Bromophenyl phenyl ether	27.6	5.00	"	25.0		110	34-120		17.1	20	
4-Chloro-3-methylphenol	24.9	5.00	"	25.0		99.6	20-120		15.0	20	
4-Chloroaniline	16.6	5.00	"	25.0		66.4	10-147		3.43	20	
4-Chlorophenyl phenyl ether	26.4	5.00	"	25.0		106	27-121		17.7	20	
4-Nitroaniline	21.4	5.00	"	25.0		85.6	13-134		2.03	20	
4-Nitrophenol	10.1	5.00	"	25.0		40.2	10-131		6.25	20	
Acetophenone	20.1	5.00	"	25.0		80.2	25-110		15.7	20	
Aniline	10.8	5.00	"	25.0		43.0	10-117		0.0930	20	
Benzaldehyde	20.3	5.00	"	25.0		81.2	29-117		10.8	20	
Benzoic acid	8.22	5.00	"	25.0		32.9	30-130		29.4	20	Non-dir.
Benzyl alcohol	14.8	5.00	"	25.0		59.4	10-117		14.8	20	
Benzyl butyl phthalate	28.0	5.00	"	25.0		112	29-133		6.18	20	
Bis(2-chloroethoxy)methane	22.6	5.00	"	25.0		90.6	10-154		19.5	20	
Bis(2-chloroethyl)ether	19.7	5.00	"	25.0		78.9	17-125		15.9	20	
Bis(2-chloroisopropyl)ether	21.3	5.00	"	25.0		85.2	10-139		16.3	20	
Caprolactam	3.44	5.00	"	25.0		13.8	10-137		2.30	20	
Carbazole	26.2	5.00	"	25.0		105	42-126		5.81	20	
Dibenzofuran	26.3	5.00	"	25.0		105	36-113		13.7	20	
Diethyl phthalate	26.1	5.00	"	25.0		104	38-115		9.90	20	
Dimethyl phthalate	26.8	5.00	"	25.0		107	38-129		13.6	20	
Di-n-butyl phthalate	27.9	5.00	"	25.0		112	31-120		7.31	20	
Di-n-octyl phthalate	27.7	5.00	"	25.0		111	21-149		4.01	20	
Diphenylamine	28.0	5.00	"	25.0		112	40-140		12.5	20	
Hexachlorocyclopentadiene	26.0	10.0	"	25.0		104	10-130		32.1	20	Non-dir.
Isophorone	24.6	5.00	"	25.0		98.4	25-127		16.6	20	
N-nitroso-di-n-propylamine	20.7	5.00	"	25.0		83.0	26-122		12.5	20	
N-Nitrosodiphenylamine	29.0	5.00	"	25.0		116	23-149		9.46	20	
Phenol	6.84	5.00	"	25.0		27.4	10-110		15.4	20	
Pyridine	7.05	5.00	"	27.5		25.6	10-90		16.0	20	
Surrogate: SURR: 2-Fluorophenol	*21.2*		*"*	*50.0*		*42.4*	*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 BE01011 - EPA 3510C											
LCS Dup (BE01011-BSD1) LCS Dup									Prepared & Analyzed: 05/26/2020		
Surrogate: SURR: Phenol-d5	*13.1*		*ug/L*	*50.0*		*26.2*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*23.6*		*"*	*25.0*		*94.2*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*24.3*		*"*	*25.0*		*97.1*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*70.6*		*"*	*50.0*		*141*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*32.7*		*"*	*25.0*		*131*	*30.7-106*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00980 - EPA 3550C											
Blank (BE00980-BLK1) Blank									Prepared: 05/22/2020 Analyzed: 05/26/2020		
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	"								
Chlordane, total	ND	0.0329	"								
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	0.00822	"								
Toxaphene	ND	0.0832	"								
Surrogate: Decachlorobiphenyl	*0.0602*		*"*	*0.0664*		*90.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0624*		*"*	*0.0664*		*93.9*	*30-150*				
LCS (BE00980-BS1) LCS									Prepared: 05/22/2020 Analyzed: 05/26/2020		
4,4'-DDD	0.0307	0.00164	mg/kg wet	0.0332		92.5	40-140				
4,4'-DDE	0.0370	0.00164	"	0.0332		111	40-140				
4,4'-DDT	0.0281	0.00164	"	0.0332		84.6	40-140				
Aldrin	0.0320	0.00164	"	0.0332		96.2	40-140				
alpha-BHC	0.0282	0.00164	"	0.0332		84.8	40-140				
alpha-Chlordane	0.0314	0.00164	"	0.0332		94.4	40-140				
beta-BHC	0.0265	0.00164	"	0.0332		79.6	40-140				
delta-BHC	0.0274	0.00164	"	0.0332		82.3	40-140				
Dieldrin	0.0315	0.00164	"	0.0332		94.8	40-140				
Endosulfan I	0.0328	0.00164	"	0.0332		98.7	40-140				
Endosulfan II	0.0308	0.00164	"	0.0332		92.6	40-140				
Endosulfan sulfate	0.0340	0.00164	"	0.0332		102	40-140				
Endrin	0.0300	0.00164	"	0.0332		90.3	40-140				
Endrin aldehyde	0.0333	0.00164	"	0.0332		100	40-140				
Endrin ketone	0.0306	0.00164	"	0.0332		92.2	40-140				
gamma-BHC (Lindane)	0.0292	0.00164	"	0.0332		87.8	40-140				
gamma-Chlordane	0.0302	0.00164	"	0.0332		91.0	40-140				
Heptachlor	0.0318	0.00164	"	0.0332		95.8	40-140				
Heptachlor epoxide	0.0318	0.00164	"	0.0332		95.8	40-140				
Methoxychlor	0.0315	0.00822	"	0.0332		94.7	40-140				
Surrogate: Decachlorobiphenyl	*0.0510*		*"*	*0.0664*		*76.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0519*		*"*	*0.0664*		*78.1*	*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 BE01042 - EPA SW846-3510C Low Level											
Blank (BE01042-BLK1) Blank									Prepared: 05/26/2020 Analyzed: 05/27/2020		
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	"								
Chlordane, total	ND	0.0200	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Surrogate: Decachlorobiphenyl	*0.168*		*"*	*0.200*		*83.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.150*		*"*	*0.200*		*74.9*	*30-150*				
LCS (BE01042-BS1) LCS									Prepared: 05/26/2020 Analyzed: 05/27/2020		
4,4'-DDD	0.107	0.00400	ug/L	0.100		107	40-140				
4,4'-DDE	0.113	0.00400	"	0.100		113	40-140				
4,4'-DDT	0.110	0.00400	"	0.100		110	40-140				
Aldrin	0.0847	0.00400	"	0.100		84.7	40-140				
alpha-BHC	0.0827	0.00400	"	0.100		82.7	40-140				
alpha-Chlordane	0.0929	0.00400	"	0.100		92.9	40-140				
beta-BHC	0.0853	0.00400	"	0.100		85.3	40-140				
delta-BHC	0.0989	0.00400	"	0.100		98.9	40-140				
Dieldrin	0.102	0.00200	"	0.100		102	40-140				
Endosulfan I	0.0999	0.00400	"	0.100		99.9	40-140				
Endosulfan II	0.107	0.00400	"	0.100		107	40-140				
Endosulfan sulfate	0.117	0.00400	"	0.100		117	40-140				
Endrin	0.0938	0.00400	"	0.100		93.8	40-140				
Endrin aldehyde	0.112	0.0100	"	0.100		112	40-140				
Endrin ketone	0.107	0.0100	"	0.100		107	40-140				
gamma-BHC (Lindane)	0.0866	0.00400	"	0.100		86.6	40-140				
gamma-Chlordane	0.0980	0.0100	"	0.100		98.0	40-140				
Heptachlor	0.0928	0.00400	"	0.100		92.8	40-140				
Heptachlor epoxide	0.0965	0.00400	"	0.100		96.5	40-140				
Methoxychlor	0.0982	0.00400	"	0.100		98.2	40-140				
Surrogate: Decachlorobiphenyl	*0.161*		*"*	*0.200*		*80.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.152*		*"*	*0.200*		*75.9*	*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 BE01042 - EPA SW846-3510C Low Level											
LCS Dup (BE01042-BSD1) LCS Dup									Prepared: 05/26/2020 Analyzed: 05/27/2020		
4,4'-DDD	0.110	0.00400	ug/L	0.100		110	40-140		2.97	20	
4,4'-DDE	0.111	0.00400	"	0.100		111	40-140		0.998	20	
4,4'-DDT	0.125	0.00400	"	0.100		125	40-140		12.8	20	
Aldrin	0.0861	0.00400	"	0.100		86.1	40-140		1.63	20	
alpha-BHC	0.0858	0.00400	"	0.100		85.8	40-140		3.65	20	
alpha-Chlordane	0.0956	0.00400	"	0.100		95.6	40-140		2.85	20	
beta-BHC	0.0916	0.00400	"	0.100		91.6	40-140		7.17	20	
delta-BHC	0.114	0.00400	"	0.100		114	40-140		14.4	20	
Dieldrin	0.105	0.00200	"	0.100		105	40-140		3.21	20	
Endosulfan I	0.0989	0.00400	"	0.100		98.9	40-140		0.999	20	
Endosulfan II	0.110	0.00400	"	0.100		110	40-140		2.52	20	
Endosulfan sulfate	0.127	0.00400	"	0.100		127	40-140		8.29	20	
Endrin	0.108	0.00400	"	0.100		108	40-140		14.0	20	
Endrin aldehyde	0.114	0.0100	"	0.100		114	40-140		1.95	20	
Endrin ketone	0.112	0.0100	"	0.100		112	40-140		4.92	20	
gamma-BHC (Lindane)	0.0903	0.00400	"	0.100		90.3	40-140		4.18	20	
gamma-Chlordane	0.0942	0.0100	"	0.100		94.2	40-140		3.87	20	
Heptachlor	0.0982	0.00400	"	0.100		98.2	40-140		5.68	20	
Heptachlor epoxide	0.0987	0.00400	"	0.100		98.7	40-140		2.26	20	
Methoxychlor	0.106	0.00400	"	0.100		106	40-140		7.45	20	
Surrogate: Decachlorobiphenyl	*0.149*		*"*	*0.200*		*74.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.148*		*"*	*0.200*		*73.8*	*30-150*				
Batch Y0C0906 - BA00785											
Performance Mix (Y0C0906-F 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 Y0E2706 - BE00591											
Performance Mix (Y0E2706-P Performance Mix							Prepared & Analyzed: 05/26/2020				
4,4'-DDD	13.8		ng/mL	0.00			0-200				
4,4'-DDE	1.71		"	0.00			0-200				
4,4'-DDT	177		"	200		88.7	0-200				
Endrin	98.3		"	100		98.3	0-200				
Endrin aldehyde	3.36		"	0.00			0-200				
Endrin ketone	5.29		"	0.00			0-200				
Batch Y0E2801 - BE00591											
Performance Mix (Y0E2801-P Performance Mix							Prepared & Analyzed: 05/27/2020				
4,4'-DDD	11.8		ng/mL	0.00			0-200				
4,4'-DDE	1.90		"	0.00			0-200				
4,4'-DDT	198		"	200		98.8	0-200				
Endrin	108		"	100		108	0-200				
Endrin aldehyde	3.26		"	0.00			0-200				
Endrin ketone	4.94		"	0.00			0-200				

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 BE00895 - EPA 3050B											
Blank (BE00895-BLK1) Blank									Prepared: 05/21/2020 Analyzed: 05/22/2020		
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 (BE00895-DUP1) Duplicate *Source sample: 20E0626-03 (EP06_eI56)									Prepared: 05/21/2020 Analyzed: 05/22/2020		
Aluminum	6860	5.41	mg/kg dry		7450				8.24	35	
Antimony	ND	2.70	"		ND					35	
Arsenic	ND	1.62	"		ND					35	
Barium	42.4	2.70	"		46.6				9.43	35	
Beryllium	ND	0.054	"		ND					35	
Cadmium	ND	0.325	"		ND					35	
Calcium	1970	5.41	"		2030				3.00	35	
Chromium	16.6	0.541	"		18.2				8.94	35	
Cobalt	8.32	0.433	"		9.09				8.88	35	
Copper	23.1	2.16	"		23.0				0.503	35	
Iron	13400	27.0	"		13600				1.63	35	
Lead	9.39	0.541	"		9.13				2.86	35	
Magnesium	2840	5.41	"		3040				6.80	35	
Manganese	320	0.541	"		424				28.0	35	
Nickel	32.7	1.08	"		43.0				27.1	35	
Potassium	1250	5.41	"		1350				7.86	35	
Selenium	ND	2.70	"		ND					35	
Silver	ND	0.541	"		ND					35	
Sodium	167	54.1	"		228				30.6	35	
Thallium	ND	2.70	"		ND					35	
Vanadium	23.4	1.08	"		24.0				2.33	35	
Zinc	34.1	2.70	"		35.0				2.71	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 BE00895 - EPA 3050B											
Matrix Spike (BE00895-MS1) Matrix Spike	*Source sample: 20E0626-03 (EP06_eI56)							Prepared: 05/21/2020 Analyzed: 05/22/2020			
Aluminum	6900	5.41	mg/kg dry	216	7450	NR	75-125	Low Bias			
Antimony	5.42	2.70	"	27.0	ND	20.0	75-125	Low Bias			
Arsenic	183	1.62	"	216	ND	84.8	75-125				
Barium	234	2.70	"	216	46.6	86.5	75-125				
Beryllium	2.44	0.054	"	5.41	ND	45.1	75-125	Low Bias			
Cadmium	4.62	0.325	"	5.41	ND	85.4	75-125				
Calcium	1600	5.41	"	108	2030	NR	75-125	Low Bias			
Chromium	36.9	0.541	"	21.6	18.2	86.7	75-125				
Cobalt	57.3	0.433	"	54.1	9.09	89.2	75-125				
Copper	47.6	2.16	"	27.0	23.0	91.1	75-125				
Iron	13200	27.0	"	108	13600	NR	75-125	Low Bias			
Lead	55.5	0.541	"	54.1	9.13	85.8	75-125				
Magnesium	3010	5.41	"	108	3040	NR	75-125	Low Bias			
Manganese	341	0.541	"	54.1	424	NR	75-125	Low Bias			
Nickel	86.2	1.08	"	54.1	43.0	79.9	75-125				
Potassium	1370	5.41	"	108	1350	11.0	75-125	Low Bias			
Selenium	158	2.70	"	216	ND	73.0	75-125	Low Bias			
Silver	3.06	0.541	"	5.41	ND	56.7	75-125	Low Bias			
Sodium	271	54.1	"	108	228	39.5	75-125	Low Bias			
Thallium	193	2.70	"	216	ND	89.4	75-125				
Vanadium	70.8	1.08	"	54.1	24.0	86.6	75-125				
Zinc	80.7	2.70	"	54.1	35.0	84.4	75-125				
Post Spike (BE00895-PS1) Post Spike	*Source sample: 20E0626-03 (EP06_eI56)							Prepared: 05/21/2020 Analyzed: 05/22/2020			
Aluminum	71.4		ug/mL	2.00	68.8	127	75-125	High Bias			
Antimony	0.232		"	0.250	-0.002	92.9	75-125				
Arsenic	1.83		"	2.00	0.007	91.2	75-125				
Barium	2.36		"	2.00	0.431	96.2	75-125				
Beryllium	0.027		"	0.0500	-0.020	53.6	75-125	Low Bias			
Cadmium	0.046		"	0.0500	-0.0004	91.3	75-125				
Calcium	19.4		"	1.00	18.8	62.7	75-125	Low Bias			
Chromium	0.355		"	0.200	0.168	93.6	75-125				
Cobalt	0.571		"	0.500	0.084	97.5	75-125				
Copper	0.463		"	0.250	0.213	100	75-125				
Iron	125		"	1.00	126	NR	75-125	Low Bias			
Lead	0.533		"	0.500	0.084	89.7	75-125				
Magnesium	28.6		"	1.00	28.1	52.7	75-125	Low Bias			
Manganese	4.34		"	0.500	3.92	83.6	75-125				
Nickel	0.901		"	0.500	0.397	101	75-125				
Potassium	13.7		"	1.00	12.5	118	75-125				
Selenium	1.61		"	2.00	-0.079	80.6	75-125				
Silver	0.032		"	0.0500	-0.006	64.5	75-125	Low Bias			
Sodium	3.35		"	1.00	2.11	125	75-125				
Thallium	1.89		"	2.00	-0.027	94.3	75-125				
Vanadium	0.684		"	0.500	0.221	92.6	75-125				
Zinc	0.771		"	0.500	0.324	89.6	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 BE00895 - EPA 3050B											
Reference (BE00895-SRM1) Reference									Prepared: 05/21/2020 Analyzed: 05/22/2020		
Aluminum	7790	5.00	mg/kg wet	8460		92.0	50.5-150.1				
Antimony	60.8	2.50	"	120		50.7	19-251.7				
Arsenic	88.2	1.50	"	95.5		92.4	70.1-129.8				
Barium	285	2.50	"	300		95.1	75-125				
Beryllium	96.5	0.050	"	103		93.7	75-125.2				
Cadmium	127	0.300	"	135		94.0	74.8-125.2				
Calcium	4560	5.00	"	4720		96.6	72.7-127.5				
Chromium	140	0.500	"	147		95.1	70.1-129.9				
Cobalt	44.8	0.400	"	43.2		104	75-125				
Copper	151	2.00	"	150		100	75.3-125.3				
Iron	12900	25.0	"	14400		89.8	35.8-164.6				
Lead	83.8	0.500	"	92.3		90.8	70-130				
Magnesium	2200	5.00	"	2300		95.7	61.7-137.8				
Manganese	661	0.500	"	677		97.7	78.1-122				
Nickel	69.1	1.00	"	59.8		116	70.1-130.1				
Potassium	1970	5.00	"	2030		97.0	59.1-140.9				
Selenium	26.6	2.50	"	42.0		63.4	55.7-144.5				
Silver	38.0	0.500	"	40.3		94.2	69.2-130.8				
Sodium	128	50.0	"	139		92.1	36.1-163.3				
Thallium	78.0	2.50	"	83.1		93.9	65.3-146.8				
Vanadium	87.7	1.00	"	96.9		90.5	67-133.1				
Zinc	340	2.50	"	369		92.2	69.9-130.1				
Batch BE00917 - EPA 3015A											
Blank (BE00917-BLK1) Blank									Prepared: 05/21/2020 Analyzed: 05/26/2020		
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	0.0583	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 BE00917 - EPA 3015A											
LCS (BE00917-BS1) LCS								Prepared: 05/21/2020 Analyzed: 05/26/2020			
Aluminum	1.89		ug/mL	2.00		94.3	80-120				
Barium	1.94		"	2.00		97.1	80-120				
Calcium	0.989		"	1.00		98.9	80-120				
Chromium	0.187		"	0.200		93.6	80-120				
Cobalt	0.477		"	0.500		95.4	80-120				
Copper	0.242		"	0.250		96.8	80-120				
Iron	0.975		"	1.00		97.5	80-120				
Lead	0.470		"	0.500		94.0	80-120				
Magnesium	1.00		"	1.00		100	80-120				
Manganese	0.486		"	0.500		97.2	80-120				
Nickel	0.476		"	0.500		95.2	80-120				
Potassium	0.909		"	1.00		90.9	80-120				
Silver	0.0330		"	0.0500		66.0	80-120	Low Bias			
Sodium	0.918		"	1.00		91.8	80-120				
Vanadium	0.470		"	0.500		94.0	80-120				
Zinc	0.474		"	0.500		94.9	80-120				
Duplicate (BE00917-DUP1) Duplicate	*Source sample: 20E0626-04 (FB02_052020)							Prepared: 05/21/2020 Analyzed: 05/26/2020			
Aluminum	ND	0.0556	mg/L		ND					20	
Barium	ND	0.0278	"		ND					20	
Calcium	ND	0.0556	"		0.0733					20	
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 BE00917 - EPA 3015A											
Matrix Spike (BE00917-MS1) Matrix Spike	*Source sample: 20E0626-04 (FB02_052020)							Prepared: 05/21/2020 Analyzed: 05/26/2020			
Aluminum	2.08	0.0556	mg/L	2.22	ND	93.7	75-125				
Barium	2.15	0.0278	"	2.22	ND	96.9	75-125				
Calcium	1.09	0.0556	"	1.11	0.0733	91.9	75-125				
Chromium	0.207	0.00556	"	0.222	ND	93.1	75-125				
Cobalt	0.531	0.00444	"	0.556	ND	95.6	75-125				
Copper	0.268	0.0222	"	0.278	ND	96.3	75-125				
Iron	1.08	0.278	"	1.11	ND	97.2	75-125				
Lead	0.525	0.00556	"	0.556	ND	94.4	75-125				
Magnesium	1.08	0.0556	"	1.11	ND	97.6	75-125				
Manganese	0.538	0.00556	"	0.556	ND	96.8	75-125				
Nickel	0.525	0.0111	"	0.556	ND	94.5	75-125				
Potassium	1.01	0.0556	"	1.11	ND	90.9	75-125				
Silver	0.0374	0.00556	"	0.0556	ND	67.2	75-125	Low Bias			
Sodium	1.04	0.556	"	1.11	ND	93.6	75-125				
Vanadium	0.518	0.0111	"	0.556	ND	93.3	75-125				
Zinc	0.548	0.0278	"	0.556	ND	98.7	75-125				
Post Spike (BE00917-PS1) Post Spike	*Source sample: 20E0626-04 (FB02_052020)							Prepared: 05/21/2020 Analyzed: 05/26/2020			
Aluminum	2.00		ug/mL	2.00	0.0144	99.4	75-125				
Barium	2.05		"	2.00	0.000303	103	75-125				
Calcium	1.09		"	1.00	0.0660	102	75-125				
Chromium	0.197		"	0.200	-0.000162	98.3	75-125				
Cobalt	0.501		"	0.500	0.000525	100	75-125				
Copper	0.252		"	0.250	0.00121	100	75-125				
Iron	1.02		"	1.00	0.00584	101	75-125				
Lead	0.488		"	0.500	-0.00460	97.6	75-125				
Magnesium	1.05		"	1.00	-0.000706	105	75-125				
Manganese	0.512		"	0.500	0.000368	102	75-125				
Nickel	0.499		"	0.500	-0.00804	99.8	75-125				
Potassium	0.932		"	1.00	0.000948	93.1	75-125				
Silver	0.0326		"	0.0500	-0.00166	65.3	75-125	Low Bias			
Sodium	0.996		"	1.00	0.0308	96.5	75-125				
Vanadium	0.494		"	0.500	0.00000513	98.8	75-125				
Zinc	0.516		"	0.500	0.0216	98.8	75-125				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00918 - EPA 3015A											
Blank (BE00918-BLK1) Blank										Prepared: 05/21/2020 Analyzed: 05/22/2020	
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 (BE00918-BS1) LCS										Prepared: 05/21/2020 Analyzed: 05/22/2020	
Antimony	43.3		ug/L	50.0		86.7	80-120				
Arsenic	46.8		"	50.0		93.6	80-120				
Beryllium	43.8		"	50.0		87.6	80-120				
Cadmium	45.4		"	50.0		90.9	80-120				
Selenium	42.7		"	50.0		85.4	80-120				
Thallium	45.4		"	50.0		90.8	80-120				
Duplicate (BE00918-DUP1) Duplicate *Source sample: 20E0626-04 (FB02_052020)										Prepared: 05/21/2020 Analyzed: 05/22/2020	
Antimony	ND	0.00111	mg/L		ND						20
Arsenic	ND	0.00111	"		ND						20
Beryllium	ND	0.000333	"		ND						20
Cadmium	ND	0.000556	"		ND						20
Selenium	ND	0.00111	"		ND						20
Thallium	ND	0.00111	"		ND						20
Matrix Spike (BE00918-MS1) Matrix Spike *Source sample: 20E0626-04 (FB02_052020)										Prepared: 05/21/2020 Analyzed: 05/22/2020	
Antimony	44.1		ug/L	50.0	0.0004	88.1	75-125				
Arsenic	48.0		"	50.0	0.064	95.8	75-125				
Beryllium	44.1		"	50.0	0.004	88.3	75-125				
Cadmium	44.9		"	50.0	0.002	89.8	75-125				
Selenium	47.5		"	50.0	-0.275	94.9	75-125				
Thallium	48.2		"	50.0	0.109	96.2	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 BE00900 - EPA 7473 soil												
Blank (BE00900-BLK1)	Blank								Prepared & Analyzed: 05/21/2020			
Mercury		ND	0.0300	mg/kg wet								
Duplicate (BE00900-DUP1)	Duplicate	*Source sample: 20E0626-03 (EP06_eI56)							Prepared & Analyzed: 05/21/2020			
Mercury		ND	0.0325	mg/kg dry		ND					35	
Matrix Spike (BE00900-MS1)	Matrix Spike	*Source sample: 20E0626-03 (EP06_eI56)							Prepared & Analyzed: 05/21/2020			
Mercury		0.441		mg/kg	0.500	0.00280	87.6	75-125				
Reference (BE00900-SRM1)	Reference								Prepared & Analyzed: 05/21/2020			
Mercury		3.3890		mg/kg	3.71		91.3	65-135				
Batch BE00914 - EPA 7473 water												
Blank (BE00914-BLK1)	Blank								Prepared & Analyzed: 05/21/2020			
Mercury		ND	0.00020	mg/L								
Duplicate (BE00914-DUP1)	Duplicate	*Source sample: 20E0626-04 (FB02_052020)							Prepared & Analyzed: 05/21/2020			
Mercury		ND	0.00020	mg/L		ND					20	
Matrix Spike (BE00914-MS1)	Matrix Spike	*Source sample: 20E0626-04 (FB02_052020)							Prepared & Analyzed: 05/21/2020			
Mercury		0.0119		mg/L	0.0100	0.00	119	75-125				
Reference (BE00914-SRM1)	Reference								Prepared & Analyzed: 05/21/2020			
Mercury		0.0118		mg/L	0.0100		118	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 BE00855 - Analysis Preparation												
Blank (BE00855-BLK1)	Blank								Prepared & Analyzed: 05/20/2020			
Cyanide, total		ND	0.0100	mg/L								
LCS (BE00855-BS1)	LCS								Prepared & Analyzed: 05/20/2020			
Cyanide, total		0.199	0.0100	mg/L	0.200		99.5	76.2-107				
Batch BE00866 - Analysis Preparation												
Blank (BE00866-BLK1)	Blank								Prepared & Analyzed: 05/20/2020			
Chromium, Hexavalent		ND	0.0100	mg/L								
LCS (BE00866-BS1)	LCS								Prepared & Analyzed: 05/20/2020			
Chromium, Hexavalent		0.497	0.0100	mg/L	0.500		99.4	80-120				
Duplicate (BE00866-DUP1)	Duplicate	*Source sample: 20E0626-04 (FB02_052020)							Prepared & Analyzed: 05/20/2020			
Chromium, Hexavalent		ND	0.0100	mg/L		ND					20	
Matrix Spike (BE00866-MS1)	Matrix Spike	*Source sample: 20E0626-04 (FB02_052020)							Prepared & Analyzed: 05/20/2020			
Chromium, Hexavalent		0.505	0.0100	mg/L	0.500	ND	101	75-125				
Batch BE00874 - Analysis Preparation Soil												
Blank (BE00874-BLK1)	Blank								Prepared & Analyzed: 05/21/2020			
Cyanide, total		ND	0.500	mg/kg wet								
Reference (BE00874-SRM1)	Reference								Prepared & Analyzed: 05/21/2020			
Cyanide, total		110		ug/mL	96.2		114	42.41-156.96				

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 BE00919 - EPA SW846-3060											
Blank (BE00919-BLK1) Blank									Prepared & Analyzed: 05/21/2020		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BE00919-SRM1) Reference									Prepared & Analyzed: 05/21/2020		
Chromium, Hexavalent	83.7		mg/L	124		67.5	33.06-167.74				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20E0626-01	EP02_eI56	40mL Vial with Stir Bar-Cool 4° C
20E0626-02	EP03_eI56	40mL Vial with Stir Bar-Cool 4° C
20E0626-03	EP06_eI56	40mL Vial with Stir Bar-Cool 4° C
20E0626-04	FB02_052020	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20E0626-05	TB02_052020	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.
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-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.
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.
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. 20E0626

YOUR Information	Report To:	Invoice To:
Company: LANGAN	Company:	Company:
Address: 360 W 31 ST. 8TH FLOOR, NY	Address:	Address:
Phone.:	Phone.:	Phone.:
Contact: KIM SEMON	Contact:	Contact:
E-mail: KSEMON@LANGAN.COM	E-mail:	E-mail:

YOUR Project Number: 170384501

YOUR Project Name: 805-825 ATLANTIC AVENUE

YOUR PO#:

Turn-Around Time

RUSH - Next Day	X (JGS ONLY)
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.

TOMAS MONTI

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 | 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 (circled) | | 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
EP02_0156	S	5/20/20 700	TCL/TAL PART 375 VOCs, SVOCs	
EP03_0156	S	800	TCL/TAL PART 375 METALS	
EP06_0156	S	900	PESTICIDES, TCN	
FB02_052020	AQ	1000	TRI/HEX CHROM	
TB02_052020	AQ	1100	TCL/TAL PART 375 VOCs	

Comments: (A) 24 HOUR TAT VOCs
STANDARD TAT REMAINDER ANALYTES

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
TOMAS MONTI	5/20/20 1508		5/20/20 1508		5/00/20
Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Temp. Received at Lab
				5/20/2020 1824	2.9 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: 06/02/2020
Client Project ID: 170384501
York Project (SDG) No.: 20E0680

Report Date: 06/02/2020
Client Project ID: 170384501
York Project (SDG) No.: 20E0680

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 May 21, 2020 and listed below. The project was identified as your project: **170384501**.

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
20E0680-01	EP10-eI56	Soil	05/21/2020	05/21/2020
20E0680-02	EP11-eI56	Soil	05/21/2020	05/21/2020
20E0680-03	EP13-eI56	Soil	05/21/2020	05/21/2020
20E0680-04	TB03_052120	Water	05/21/2020	05/21/2020

General Notes for York Project (SDG) No.: 20E0680

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: 06/02/2020

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: EP10-eI56 **York Sample ID:** 20E0680-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0680	170384501	Soil	May 21, 2020 1:10 pm	05/21/2020

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	05/22/2020 09:00	05/22/2020 13:00	AB
								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	05/22/2020 09:00	05/22/2020 13:00	AB
								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	05/22/2020 09:00	05/22/2020 13:00	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	0.0047	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:00	AB
								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	05/22/2020 09:00	05/22/2020 13:00	AB
								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	05/22/2020 09:00	05/22/2020 13:00	AB
								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	05/22/2020 09:00	05/22/2020 13:00	AB
								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	05/22/2020 09:00	05/22/2020 13:00	AB
								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	05/22/2020 09:00	05/22/2020 13:00	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:00	AB
								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	05/22/2020 09:00	05/22/2020 13:00	AB
								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	05/22/2020 09:00	05/22/2020 13:00	AB
								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	05/22/2020 09:00	05/22/2020 13:00	AB
								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	05/22/2020 09:00	05/22/2020 13:00	AB
								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	05/22/2020 09:00	05/22/2020 13:00	AB
								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	05/22/2020 09:00	05/22/2020 13:00	AB
								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	05/22/2020 09:00	05/22/2020 13:00	AB
								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	05/22/2020 09:00	05/22/2020 13:00	AB
								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	05/22/2020 09:00	05/22/2020 13:00	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.047	0.093	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:00	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:00	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP10-eI56 **York Sample ID:** 20E0680-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0680	170384501	Soil	May 21, 2020 1:10 pm	05/21/2020

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	05/22/2020 09:00	05/22/2020 13:00	AB
								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	05/22/2020 09:00	05/22/2020 13:00	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0047	0.0093	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:00	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0047	0.0093	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:00	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:00	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:00	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:00	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:00	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:00	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:00	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:00	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:00	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:00	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:00	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:00	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:00	AB
								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	05/22/2020 09:00	05/22/2020 13:00	AB
								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	05/22/2020 09:00	05/22/2020 13:00	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:00	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:00	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:00	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:00	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP10-eI56 **York Sample ID:** 20E0680-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0680	170384501	Soil	May 21, 2020 1:10 pm	05/21/2020

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	05/22/2020 09:00	05/22/2020 13:00	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:00	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:00	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:00	AB
								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	05/22/2020 09:00	05/22/2020 13:00	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:00	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0047	0.0093	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:00	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:00	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:00	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:00	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0047	0.0093	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:00	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:00	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:00	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:00	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	05/22/2020 09:00	05/22/2020 13:00	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:00	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:00	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:00	AB
								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	05/22/2020 09:00	05/22/2020 13:00	AB
								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	05/22/2020 09:00	05/22/2020 13:00	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:00	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:00	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP10-eI56 **York Sample ID:** 20E0680-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0680	170384501	Soil	May 21, 2020 1:10 pm	05/21/2020

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	05/22/2020 09:00	05/22/2020 13:00	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0070	0.014	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:00	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.2 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*91.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.8 %*	*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	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0831	0.166	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0831	0.166	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0831	0.166	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP10-eI56 **York Sample ID:** 20E0680-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0680	170384501	Soil	May 21, 2020 1:10 pm	05/21/2020

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	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0831	0.166	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0831	0.166	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0831	0.166	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0831	0.166	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0831	0.166	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.166	0.333	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.166	0.333	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP10-eI56 **York Sample ID:** 20E0680-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0680	170384501	Soil	May 21, 2020 1:10 pm	05/21/2020

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	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0831	0.166	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0831	0.166	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.0770**	J	mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP10-eI56 **York Sample ID:** 20E0680-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0680	170384501	Soil	May 21, 2020 1:10 pm	05/21/2020

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	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.0578**	J	mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.0664**	J	mg/kg dry	0.0416	0.0831	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.166	0.333	2	EPA 8270D	05/27/2020 13:54	05/28/2020 12:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*53.2 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*52.1 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*57.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*57.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*75.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*78.2 %*	*24-116*

Sample Information

Client Sample ID: EP10-eI56 **York Sample ID:** 20E0680-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0680	170384501	Soil	May 21, 2020 1:10 pm	05/21/2020

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	0.00163	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:26	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00163	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:26	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00163	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:26	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00163	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:26	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00163	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:26	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00163	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:26	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00163	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:26	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0327	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:26	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00163	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:26	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00163	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:26	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00163	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:26	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00163	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:26	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00163	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:26	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00163	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:26	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00163	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:26	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00163	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:26	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00163	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:26	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00163	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:26	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00163	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:26	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00163	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:26	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00816	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:26	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP10-eI56 **York Sample ID:** 20E0680-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0680	170384501	Soil	May 21, 2020 1:10 pm	05/21/2020

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
8001-35-2	Toxaphene	ND		mg/kg dry	0.0826	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:26	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*93.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*92.0 %*	*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**	**6350**		mg/kg dry	5.05	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:40	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.52	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:40	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.51	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:40	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**55.7**		mg/kg dry	2.52	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:40	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.050	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:40	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.303	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:40	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**3770**		mg/kg dry	5.05	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:40	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**22.7**		mg/kg dry	0.505	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:40	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**10.9**		mg/kg dry	0.404	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:40	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**30.7**		mg/kg dry	2.02	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:40	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**16200**		mg/kg dry	25.2	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:40	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**50.2**		mg/kg dry	0.505	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:40	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3530**		mg/kg dry	5.05	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:40	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**373**		mg/kg dry	0.505	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:40	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**45.3**		mg/kg dry	1.01	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:40	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1320**		mg/kg dry	5.05	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:40	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP10-eI56 **York Sample ID:** 20E0680-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0680	170384501	Soil	May 21, 2020 1:10 pm	05/21/2020

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
7782-49-2	Selenium	ND		mg/kg dry	2.52	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:40	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.505	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:40	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**299**		mg/kg dry	50.5	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:40	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.52	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:40	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**38.8**		mg/kg dry	1.01	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:40	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**57.7**		mg/kg dry	2.52	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:40	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**	**0.0497**		mg/kg dry	0.0303	1	EPA 7473	05/22/2020 16:04	05/22/2020 20:38	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	0.505	1	EPA 7196A	05/22/2020 08:56	05/22/2020 12:59	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**	**22.7**		mg/kg	0.500	1	Calculation	05/27/2020 14:52	05/27/2020 14:53	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	0.505	1	EPA 9014/9010C	05/22/2020 08:29	05/22/2020 13:58	JAG
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

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

Sample Information

Client Sample ID: **EP10-eI56** **York Sample ID:** **20E0680-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0680	170384501	Soil	May 21, 2020 1:10 pm	05/21/2020

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**	**99.1**		%	0.100	1	SM 2540G	05/22/2020 08:32	05/22/2020 12:01	JAG
							Certifications: CTDOH			

Sample Information

Client Sample ID: **EP11-eI56** **York Sample ID:** **20E0680-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0680	170384501	Soil	May 21, 2020 1:22 pm	05/21/2020

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	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	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	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.042	0.085	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP11-eI56 **York Sample ID:** 20E0680-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0680	170384501	Soil	May 21, 2020 1:22 pm	05/21/2020

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	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP11-eI56 **York Sample ID:** 20E0680-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0680	170384501	Soil	May 21, 2020 1:22 pm	05/21/2020

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	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.0049**	J, B	mg/kg dry	0.0042	0.0085	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								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	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP11-eI56 **York Sample ID:** 20E0680-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0680	170384501	Soil	May 21, 2020 1:22 pm	05/21/2020

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	0.0042	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:27	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.2 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*92.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.9 %*	*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	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0838	0.167	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0838	0.167	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0838	0.167	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP11-eI56 **York Sample ID:** 20E0680-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0680	170384501	Soil	May 21, 2020 1:22 pm	05/21/2020

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	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0838	0.167	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0838	0.167	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0838	0.167	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0838	0.167	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0838	0.167	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.168	0.336	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.168	0.336	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP11-eI56 **York Sample ID:** 20E0680-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0680	170384501	Soil	May 21, 2020 1:22 pm	05/21/2020

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	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0838	0.167	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0838	0.167	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.0570**	J	mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP11-eI56 **York Sample ID:** 20E0680-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0680	170384501	Soil	May 21, 2020 1:22 pm	05/21/2020

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	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.0496**	J	mg/kg dry	0.0420	0.0838	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.168	0.336	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*61.0 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*58.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*63.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*84.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*84.1 %*	*24-116*

Sample Information

Client Sample ID: EP11-eI56 **York Sample ID:** 20E0680-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0680	170384501	Soil	May 21, 2020 1:22 pm	05/21/2020

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	0.00164	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:42	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00164	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:42	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00164	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:42	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		mg/kg dry	0.00164	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:42	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00164	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:42	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00164	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:42	CM
							Certifications: NELAC-NY10854,NJDEP			
319-85-7	beta-BHC	ND		mg/kg dry	0.00164	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:42	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	Chlordane, total	ND		mg/kg dry	0.0327	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:42	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		mg/kg dry	0.00164	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:42	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		mg/kg dry	0.00164	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:42	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00164	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:42	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00164	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:42	CM
							Certifications: CTDOH,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00164	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:42	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		mg/kg dry	0.00164	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:42	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00164	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:42	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00164	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:42	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00164	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:42	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00164	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:42	CM
							Certifications: NELAC-NY10854,NJDEP			
76-44-8	Heptachlor	ND		mg/kg dry	0.00164	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:42	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00164	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:42	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00818	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:42	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: EP11-eI56 **York Sample ID:** 20E0680-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0680	170384501	Soil	May 21, 2020 1:22 pm	05/21/2020

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
8001-35-2	Toxaphene	ND		mg/kg dry	0.0828	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:42	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*82.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.7 %*	*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**	**7010**		mg/kg dry	5.08	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.54	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.52	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**52.5**		mg/kg dry	2.54	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.051	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.305	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**3460**		mg/kg dry	5.08	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**19.8**		mg/kg dry	0.508	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**9.87**		mg/kg dry	0.406	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**28.0**		mg/kg dry	2.03	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**15400**		mg/kg dry	25.4	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**21.9**		mg/kg dry	0.508	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**4570**		mg/kg dry	5.08	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**407**		mg/kg dry	0.508	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**47.7**		mg/kg dry	1.02	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1530**		mg/kg dry	5.08	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP11-eI56 **York Sample ID:** 20E0680-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0680	170384501	Soil	May 21, 2020 1:22 pm	05/21/2020

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
7782-49-2	Selenium	ND		mg/kg dry	2.54	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:42	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.508	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:42	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**334**		mg/kg dry	50.8	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:42	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.54	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:42	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**40.3**		mg/kg dry	1.02	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:42	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**51.8**		mg/kg dry	2.54	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:42	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**	**0.0316**		mg/kg dry	0.0305	1	EPA 7473	05/22/2020 16:04	05/22/2020 20:47	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	0.508	1	EPA 7196A	05/22/2020 08:56	05/22/2020 12:59	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**	**19.8**		mg/kg	0.500	1	Calculation	05/27/2020 14:52	05/27/2020 14:53	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	0.508	1	EPA 9014/9010C	05/22/2020 08:29	05/22/2020 13:58	JAG
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

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

Sample Information

Client Sample ID: **EP11-eI56** **York Sample ID:** **20E0680-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0680	170384501	Soil	May 21, 2020 1:22 pm	05/21/2020

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	98.5		%	0.100	1	SM 2540G	05/22/2020 08:32	05/22/2020 12:01	JAG
							Certifications: CTDOH			

Sample Information

Client Sample ID: **EP13-eI56** **York Sample ID:** **20E0680-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0680	170384501	Soil	May 21, 2020 1:31 pm	05/21/2020

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	05/22/2020 09:00	05/22/2020 13:53	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	05/22/2020 09:00	05/22/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/22/2020 09:00	05/22/2020 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	0.0022	0.0044	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:53	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	05/22/2020 09:00	05/22/2020 13:53	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	05/22/2020 09:00	05/22/2020 13:53	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	05/22/2020 09:00	05/22/2020 13:53	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	05/22/2020 09:00	05/22/2020 13:53	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	05/22/2020 09:00	05/22/2020 13:53	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	05/22/2020 09:00	05/22/2020 13:53	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	05/22/2020 09:00	05/22/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:53	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	05/22/2020 09:00	05/22/2020 13:53	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	05/22/2020 09:00	05/22/2020 13:53	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	05/22/2020 09:00	05/22/2020 13:53	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	05/22/2020 09:00	05/22/2020 13:53	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	05/22/2020 09:00	05/22/2020 13:53	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	05/22/2020 09:00	05/22/2020 13:53	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	05/22/2020 09:00	05/22/2020 13:53	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	05/22/2020 09:00	05/22/2020 13:53	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP13-eI56 **York Sample ID:** 20E0680-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0680	170384501	Soil	May 21, 2020 1:31 pm	05/21/2020

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	05/22/2020 09:00	05/22/2020 13:53	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	05/22/2020 09:00	05/22/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0044	0.0089	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0044	0.0089	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:53	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:53	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	05/22/2020 09:00	05/22/2020 13:53	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	05/22/2020 09:00	05/22/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:53	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	05/22/2020 09:00	05/22/2020 13:53	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	05/22/2020 09:00	05/22/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:53	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:53	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:53	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:53	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP13-eI56 **York Sample ID:** 20E0680-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0680	170384501	Soil	May 21, 2020 1:31 pm	05/21/2020

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**	**0.0025**	J	mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:53	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:53	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	05/22/2020 09:00	05/22/2020 13:53	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	05/22/2020 09:00	05/22/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:53	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0044	0.0089	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:53	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	05/22/2020 09:00	05/22/2020 13:53	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	05/22/2020 09:00	05/22/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	**o-Xylene**	**0.0039**	J	mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	**p- & m- Xylenes**	**0.011**		mg/kg dry	0.0044	0.0089	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:53	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	05/22/2020 09:00	05/22/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:53	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	05/22/2020 09:00	05/22/2020 13:53	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:53	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	05/22/2020 09:00	05/22/2020 13:53	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	05/22/2020 09:00	05/22/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP13-eI56 **York Sample ID:** 20E0680-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0680	170384501	Soil	May 21, 2020 1:31 pm	05/21/2020

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	05/22/2020 09:00	05/22/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	**Xylenes, Total**	**0.015**		mg/kg dry	0.0067	0.013	1	EPA 8260C	05/22/2020 09:00	05/22/2020 13:53	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*94.1 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*91.8 %*	*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	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0869	0.174	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0869	0.174	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0869	0.174	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP13-eI56 **York Sample ID:** 20E0680-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0680	170384501	Soil	May 21, 2020 1:31 pm	05/21/2020

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	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0869	0.174	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0869	0.174	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0869	0.174	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0869	0.174	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0869	0.174	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.174	0.348	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.174	0.348	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP13-eI56 **York Sample ID:** 20E0680-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0680	170384501	Soil	May 21, 2020 1:31 pm	05/21/2020

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	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0869	0.174	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0869	0.174	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP13-eI56 **York Sample ID:** 20E0680-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0680	170384501	Soil	May 21, 2020 1:31 pm	05/21/2020

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	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0435	0.0869	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.174	0.348	2	EPA 8270D	05/27/2020 13:54	05/28/2020 13:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*60.2 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*59.1 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*64.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*63.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*89.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*84.2 %*	*24-116*

Sample Information

Client Sample ID: EP13-eI56 **York Sample ID:** 20E0680-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0680	170384501	Soil	May 21, 2020 1:31 pm	05/21/2020

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	0.00171	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:59	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00171	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:59	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00171	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:59	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		mg/kg dry	0.00171	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:59	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:59	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00171	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:59	CM
							Certifications: NELAC-NY10854,NJDEP			
319-85-7	beta-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:59	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	Chlordane, total	ND		mg/kg dry	0.0341	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:59	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:59	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		mg/kg dry	0.00171	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:59	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00171	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:59	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00171	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:59	CM
							Certifications: CTDOH,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00171	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:59	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		mg/kg dry	0.00171	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:59	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00171	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:59	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00171	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:59	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00171	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:59	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00171	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:59	CM
							Certifications: NELAC-NY10854,NJDEP			
76-44-8	Heptachlor	ND		mg/kg dry	0.00171	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:59	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00171	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:59	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00854	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:59	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: EP13-eI56 **York Sample ID:** 20E0680-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0680	170384501	Soil	May 21, 2020 1:31 pm	05/21/2020

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
8001-35-2	Toxaphene	ND		mg/kg dry	0.0864	5	EPA 8081B	05/27/2020 14:06	05/28/2020 13:59	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.3 %*	*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**	**5700**		mg/kg dry	5.23	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.61	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.57	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**62.4**		mg/kg dry	2.61	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.052	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.504**		mg/kg dry	0.314	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**2610**		mg/kg dry	5.23	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**27.4**		mg/kg dry	0.523	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**9.41**		mg/kg dry	0.418	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**38.7**		mg/kg dry	2.09	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**13700**		mg/kg dry	26.1	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**17.4**		mg/kg dry	0.523	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3510**		mg/kg dry	5.23	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**725**		mg/kg dry	0.523	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**76.6**		mg/kg dry	1.05	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1200**		mg/kg dry	5.23	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP13-eI56 **York Sample ID:** 20E0680-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0680	170384501	Soil	May 21, 2020 1:31 pm	05/21/2020

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
7782-49-2	Selenium	ND		mg/kg dry	2.61	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:45	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.523	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:45	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**342**		mg/kg dry	52.3	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:45	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.61	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:45	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**26.5**		mg/kg dry	1.05	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:45	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**63.2**		mg/kg dry	2.61	1	EPA 6010D	05/22/2020 09:45	05/27/2020 12:45	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	0.0314	1	EPA 7473	05/22/2020 16:04	05/22/2020 20:56	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	0.523	1	EPA 7196A	05/22/2020 08:56	05/22/2020 12:59	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**	**27.4**		mg/kg	0.500	1	Calculation	05/27/2020 14:52	05/27/2020 14:53	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	0.523	1	EPA 9014/9010C	05/22/2020 08:29	05/22/2020 13:58	JAG
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

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

Sample Information

Client Sample ID: **EP13-eI56** **York Sample ID:** **20E0680-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0680	170384501	Soil	May 21, 2020 1:31 pm	05/21/2020

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	95.7		%	0.100	1	SM 2540G	05/22/2020 08:32	05/22/2020 12:01	JAG
							Certifications: CTDOH			

Sample Information

Client Sample ID: TB03_052120 **York Sample ID:** 20E0680-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0680	170384501	Water	May 21, 2020 12:00 am	05/21/2020

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 09:30	05/28/2020 03:39	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	05/27/2020 09:30	05/28/2020 03:39	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	05/27/2020 09:30	05/28/2020 03:39	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	05/27/2020 09:30	05/28/2020 03:39	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	05/27/2020 09:30	05/28/2020 03:39	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	05/27/2020 09:30	05/28/2020 03:39	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	05/27/2020 09:30	05/28/2020 03:39	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	05/27/2020 09:30	05/28/2020 03:39	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	05/27/2020 09:30	05/28/2020 03:39	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	05/27/2020 09:30	05/28/2020 03:39	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	05/27/2020 09:30	05/28/2020 03:39	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	05/27/2020 09:30	05/28/2020 03:39	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	05/27/2020 09:30	05/28/2020 03:39	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	05/27/2020 09:30	05/28/2020 03:39	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	05/27/2020 09:30	05/28/2020 03:39	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	05/27/2020 09:30	05/28/2020 03:39	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	05/27/2020 09:30	05/28/2020 03:39	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	05/27/2020 09:30	05/28/2020 03:39	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	05/27/2020 09:30	05/28/2020 03:39	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	05/27/2020 09:30	05/28/2020 03:39	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**6.53**		ug/L	0.200	2.00	1	EPA 8260C	05/27/2020 09:30	05/28/2020 03:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB03_052120 **York Sample ID:** 20E0680-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0680	170384501	Water	May 21, 2020 12:00 am	05/21/2020

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**	**1.94**	CCV-E	ug/L	0.200	2.00	1	EPA 8260C	05/27/2020 09:30	05/28/2020 03:39	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	05/27/2020 09:30	05/28/2020 03:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**50.1**	SCAL-E	ug/L	1.00	2.00	1	EPA 8260C	05/27/2020 09:30	05/28/2020 03:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	2.00	1	EPA 8260C	05/27/2020 09:30	05/28/2020 03:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	2.00	1	EPA 8260C	05/27/2020 09:30	05/28/2020 03:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	**Benzene**	**0.520**		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 09:30	05/28/2020 03:39	AB
								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 09:30	05/28/2020 03:39	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 09:30	05/28/2020 03:39	AB
								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 09:30	05/28/2020 03:39	AB
								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 09:30	05/28/2020 03:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 09:30	05/28/2020 03:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 09:30	05/28/2020 03:39	AB
								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 09:30	05/28/2020 03:39	AB
								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 09:30	05/28/2020 03:39	AB
								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 09:30	05/28/2020 03:39	AB
								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 09:30	05/28/2020 03:39	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	05/27/2020 09:30	05/28/2020 03:39	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	05/27/2020 09:30	05/28/2020 03:39	AB
								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 09:30	05/28/2020 03:39	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 09:30	05/28/2020 03:39	AB
								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 09:30	05/28/2020 03:39	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 09:30	05/28/2020 03:39	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB03_052120 **York Sample ID:** 20E0680-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0680	170384501	Water	May 21, 2020 12:00 am	05/21/2020

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 09:30	05/28/2020 03:39	AB
								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 09:30	05/28/2020 03:39	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 09:30	05/28/2020 03:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	2.00	1	EPA 8260C	05/27/2020 09:30	05/28/2020 03:39	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	05/27/2020 09:30	05/28/2020 03:39	AB
								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 09:30	05/28/2020 03:39	AB
								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 09:30	05/28/2020 03:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 09:30	05/28/2020 03:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 09:30	05/28/2020 03:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 09:30	05/28/2020 03:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	05/27/2020 09:30	05/28/2020 03:39	AB
								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 09:30	05/28/2020 03:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 09:30	05/28/2020 03:39	AB
								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 09:30	05/28/2020 03:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	10.0	1	EPA 8260C	05/27/2020 09:30	05/28/2020 03:39	AB
								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 09:30	05/28/2020 03:39	AB
								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 09:30	05/28/2020 03:39	AB
								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 09:30	05/28/2020 03:39	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	05/27/2020 09:30	05/28/2020 03:39	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	05/27/2020 09:30	05/28/2020 03:39	AB
								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 09:30	05/28/2020 03:39	AB
								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 09:30	05/28/2020 03:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB03_052120 **York Sample ID:** 20E0680-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0680	170384501	Water	May 21, 2020 12:00 am	05/21/2020

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 09:30	05/28/2020 03:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	05/27/2020 09:30	05/28/2020 03:39	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.6 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*	*79-122*

Analytical Batch Summary

Batch ID: BE00939 **Preparation Method:** Analysis Preparation Soil **Prepared By:** JAG

YORK Sample ID	Client Sample ID	Preparation Date
20E0680-01	EP10-eI56	05/22/20
20E0680-02	EP11-eI56	05/22/20
20E0680-03	EP13-eI56	05/22/20
BE00939-BLK1	Blank	05/22/20
BE00939-SRM1	Reference	05/22/20

Batch ID: BE00940 **Preparation Method:** % Solids Prep **Prepared By:** JAG

YORK Sample ID	Client Sample ID	Preparation Date
20E0680-01	EP10-eI56	05/22/20
20E0680-02	EP11-eI56	05/22/20
20E0680-03	EP13-eI56	05/22/20
BE00940-DUP1	Duplicate	05/22/20

Batch ID: BE00946 **Preparation Method:** EPA SW846-3060 **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
20E0680-01	EP10-eI56	05/22/20
20E0680-02	EP11-eI56	05/22/20
20E0680-03	EP13-eI56	05/22/20
BE00946-BLK1	Blank	05/22/20
BE00946-SRM1	Reference	05/22/20

Batch ID: BE00949 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20E0680-01	EP10-eI56	05/22/20
20E0680-02	EP11-eI56	05/22/20
20E0680-03	EP13-eI56	05/22/20
BE00949-BLK1	Blank	05/22/20
BE00949-DUP1	Duplicate	05/22/20
BE00949-MS1	Matrix Spike	05/22/20
BE00949-PS1	Post Spike	05/22/20
BE00949-SRM1	Reference	05/22/20

Batch ID: BE00967 **Preparation Method:** EPA 5035A **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
20E0680-01	EP10-eI56	05/22/20
20E0680-02	EP11-eI56	05/22/20
20E0680-03	EP13-eI56	05/22/20
BE00967-BLK1	Blank	05/22/20
BE00967-BLK2	Blank	05/22/20

BE00967-BLK3	Blank	05/22/20
BE00967-BS1	LCS	05/22/20
BE00967-BSD1	LCS Dup	05/22/20

Batch ID: BE00989 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20E0680-01	EP10-eI56	05/22/20
20E0680-02	EP11-eI56	05/22/20
20E0680-03	EP13-eI56	05/22/20
BE00989-BLK1	Blank	05/22/20
BE00989-SRM1	Reference	05/22/20

Batch ID: BE01090 **Preparation Method:** EPA 5030B **Prepared By:** CLS2

YORK Sample ID	Client Sample ID	Preparation Date
20E0680-04	TB03_052120	05/27/20
BE01090-BLK1	Blank	05/27/20
BE01090-BS1	LCS	05/27/20
BE01090-BSD1	LCS Dup	05/27/20

Batch ID: BE01107 **Preparation Method:** EPA 3550C **Prepared By:** LJ

YORK Sample ID	Client Sample ID	Preparation Date
20E0680-01	EP10-eI56	05/27/20
20E0680-02	EP11-eI56	05/27/20
20E0680-03	EP13-eI56	05/27/20
BE01107-BLK1	Blank	05/27/20
BE01107-BS1	LCS	05/27/20

Batch ID: BE01110 **Preparation Method:** EPA 3550C **Prepared By:** MAM

YORK Sample ID	Client Sample ID	Preparation Date
20E0680-01	EP10-eI56	05/27/20
20E0680-02	EP11-eI56	05/27/20
20E0680-03	EP13-eI56	05/27/20
BE01110-BLK1	Blank	05/27/20
BE01110-BS1	LCS	05/27/20

Batch ID: BE01121 **Preparation Method:** Analysis Preparation **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
20E0680-01	EP10-eI56	05/27/20
20E0680-02	EP11-eI56	05/27/20
20E0680-03	EP13-eI56	05/27/20

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

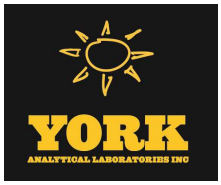
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE00967 - EPA 5035A											
Blank (BE00967-BLK1) Blank									Prepared & Analyzed: 05/22/2020		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
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 BE00967 - EPA 5035A											
Blank (BE00967-BLK1) Blank									Prepared & Analyzed: 05/22/2020		
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	*46.8*		*ug/L*	*50.0*		*93.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*45.9*		*"*	*50.0*		*91.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.9*		*"*	*50.0*		*97.9*	*76-130*				
Blank (BE00967-BLK2) Blank									Prepared & Analyzed: 05/22/2020		
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 BE00967 - EPA 5035A											
Blank (BE00967-BLK2) Blank									Prepared & Analyzed: 05/22/2020		
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	*47.3*		*ug/L*	*50.0*		*94.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*45.9*		*"*	*50.0*		*91.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.6*		*"*	*50.0*		*97.1*	*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 BE00967 - EPA 5035A

Blank (BE00967-BLK3) HOLDING BLANK - 20E0680 — Prepared & Analyzed: 05/22/2020

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	0.042	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	0.013	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 BE00967 - EPA 5035A											
Blank (BE00967-BLK3) HOLDING BLANK - 20E0680								Prepared & Analyzed: 05/22/2020			
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	*46.8*		*ug/L*	*50.0*		*93.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.2*		*"*	*50.0*		*92.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.8*		*"*	*50.0*		*97.5*	*76-130*				
LCS (BE00967-BS1) LCS								Prepared & Analyzed: 05/22/2020			
1,1,1,2-Tetrachloroethane	46.3		ug/L	50.0		92.7	75-129				
1,1,1-Trichloroethane	52.8		"	50.0		106	71-137				
1,1,2,2-Tetrachloroethane	45.4		"	50.0		90.8	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	64.0		"	50.0		128	58-146				
1,1,2-Trichloroethane	46.0		"	50.0		92.1	83-123				
1,1-Dichloroethane	52.7		"	50.0		105	75-130				
1,1-Dichloroethylene	56.9		"	50.0		114	64-137				
1,2,3-Trichlorobenzene	44.1		"	50.0		88.2	81-140				
1,2,3-Trichloropropane	43.6		"	50.0		87.2	81-126				
1,2,4-Trichlorobenzene	45.0		"	50.0		90.1	80-141				
1,2,4-Trimethylbenzene	46.4		"	50.0		92.8	84-125				
1,2-Dibromo-3-chloropropane	38.4		"	50.0		76.7	74-142				
1,2-Dibromoethane	48.4		"	50.0		96.7	86-123				
1,2-Dichlorobenzene	44.1		"	50.0		88.2	85-122				
1,2-Dichloroethane	50.6		"	50.0		101	71-133				
1,2-Dichloropropane	46.8		"	50.0		93.6	81-122				
1,3,5-Trimethylbenzene	46.2		"	50.0		92.4	82-126				
1,3-Dichlorobenzene	43.7		"	50.0		87.5	84-124				
1,4-Dichlorobenzene	44.1		"	50.0		88.2	84-124				
1,4-Dioxane	1130		"	1050		108	10-228				
2-Butanone	50.0		"	50.0		99.9	58-147				
2-Hexanone	42.2		"	50.0		84.4	70-139				
4-Methyl-2-pentanone	46.2		"	50.0		92.3	72-132				
Acetone	36.3		"	50.0		72.6	36-155				
Acrolein	45.2		"	50.0		90.4	10-238				
Acrylonitrile	56.3		"	50.0		113	66-141				
Benzene	57.3		"	50.0		115	77-127				
Bromochloromethane	54.8		"	50.0		110	74-129				
Bromodichloromethane	45.5		"	50.0		90.9	81-124				
Bromoform	43.0		"	50.0		86.0	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 BE00967 - EPA 5035A											
LCS (BE00967-BS1) LCS							Prepared & Analyzed: 05/22/2020				
Bromomethane	46.5		ug/L	50.0		93.0	32-177				
Carbon disulfide	60.3		"	50.0		121	10-136				
Carbon tetrachloride	51.2		"	50.0		102	66-143				
Chlorobenzene	47.7		"	50.0		95.3	86-120				
Chloroethane	55.0		"	50.0		110	51-142				
Chloroform	53.2		"	50.0		106	76-131				
Chloromethane	54.0		"	50.0		108	49-132				
cis-1,2-Dichloroethylene	54.7		"	50.0		109	74-132				
cis-1,3-Dichloropropylene	48.2		"	50.0		96.4	81-129				
Cyclohexane	58.6		"	50.0		117	70-130				
Dibromochloromethane	44.6		"	50.0		89.3	10-200				
Dibromomethane	46.4		"	50.0		92.8	83-124				
Dichlorodifluoromethane	54.6		"	50.0		109	28-158				
Ethyl Benzene	49.5		"	50.0		98.9	84-125				
Hexachlorobutadiene	43.2		"	50.0		86.3	83-133				
Isopropylbenzene	45.8		"	50.0		91.5	81-127				
Methyl acetate	51.4		"	50.0		103	41-143				
Methyl tert-butyl ether (MTBE)	55.5		"	50.0		111	74-131				
Methylcyclohexane	50.4		"	50.0		101	70-130				
Methylene chloride	60.5		"	50.0		121	57-141				
n-Butylbenzene	41.3		"	50.0		82.7	80-130				
n-Propylbenzene	45.4		"	50.0		90.8	74-136				
o-Xylene	49.1		"	50.0		98.2	83-123				
p- & m- Xylenes	100		"	100		100	82-128				
p-Isopropyltoluene	47.5		"	50.0		95.0	85-125				
sec-Butylbenzene	48.5		"	50.0		97.0	83-125				
Styrene	50.4		"	50.0		101	86-126				
tert-Butyl alcohol (TBA)	242		"	250		96.7	70-130				
tert-Butylbenzene	45.4		"	50.0		90.8	80-127				
Tetrachloroethylene	44.3		"	50.0		88.5	80-129				
Toluene	49.0		"	50.0		98.1	85-121				
trans-1,2-Dichloroethylene	58.2		"	50.0		116	72-132				
trans-1,3-Dichloropropylene	43.4		"	50.0		86.8	78-132				
Trichloroethylene	47.2		"	50.0		94.4	84-123				
Trichlorofluoromethane	47.9		"	50.0		95.9	62-140				
Vinyl Chloride	54.5		"	50.0		109	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*46.6*		*"*	*50.0*		*93.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.5*		*"*	*50.0*		*93.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.1*		*"*	*50.0*		*96.1*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BE00967 - EPA 5035A

LCS Dup (BE00967-BSD1) LCS Dup — Prepared & Analyzed: 05/22/2020

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	46.1		ug/L	50.0		92.1	75-129		0.606	30	
1,1,1-Trichloroethane	53.2		"	50.0		106	71-137		0.736	30	
1,1,2,2-Tetrachloroethane	44.7		"	50.0		89.4	79-129		1.62	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	61.2		"	50.0		122	58-146		4.49	30	
1,1,2-Trichloroethane	45.8		"	50.0		91.7	83-123		0.435	30	
1,1-Dichloroethane	53.2		"	50.0		106	75-130		0.850	30	
1,1-Dichloroethylene	57.2		"	50.0		114	64-137		0.544	30	
1,2,3-Trichlorobenzene	44.6		"	50.0		89.2	81-140		1.13	30	
1,2,3-Trichloropropane	43.4		"	50.0		86.7	81-126		0.598	30	
1,2,4-Trichlorobenzene	46.4		"	50.0		92.7	80-141		2.91	30	
1,2,4-Trimethylbenzene	47.2		"	50.0		94.5	84-125		1.73	30	
1,2-Dibromo-3-chloropropane	38.2		"	50.0		76.5	74-142		0.287	30	
1,2-Dibromoethane	47.4		"	50.0		94.7	86-123		2.07	30	
1,2-Dichlorobenzene	44.6		"	50.0		89.2	85-122		1.11	30	
1,2-Dichloroethane	50.0		"	50.0		99.9	71-133		1.27	30	
1,2-Dichloropropane	46.8		"	50.0		93.6	81-122		0.00	30	
1,3,5-Trimethylbenzene	46.6		"	50.0		93.1	82-126		0.819	30	
1,3-Dichlorobenzene	44.8		"	50.0		89.7	84-124		2.51	30	
1,4-Dichlorobenzene	44.9		"	50.0		89.8	84-124		1.78	30	
1,4-Dioxane	1130		"	1050		108	10-228		0.152	30	
2-Butanone	50.1		"	50.0		100	58-147		0.220	30	
2-Hexanone	41.9		"	50.0		83.8	70-139		0.785	30	
4-Methyl-2-pentanone	45.7		"	50.0		91.5	72-132		0.936	30	
Acetone	36.0		"	50.0		72.0	36-155		0.802	30	
Acrolein	43.6		"	50.0		87.2	10-238		3.60	30	
Acrylonitrile	54.6		"	50.0		109	66-141		2.99	30	
Benzene	57.7		"	50.0		115	77-127		0.730	30	
Bromochloromethane	54.6		"	50.0		109	74-129		0.421	30	
Bromodichloromethane	45.2		"	50.0		90.5	81-124		0.485	30	
Bromoform	42.4		"	50.0		84.7	80-136		1.52	30	
Bromomethane	50.2		"	50.0		100	32-177		7.65	30	
Carbon disulfide	60.9		"	50.0		122	10-136		0.941	30	
Carbon tetrachloride	51.5		"	50.0		103	66-143		0.448	30	
Chlorobenzene	47.8		"	50.0		95.5	86-120		0.189	30	
Chloroethane	57.4		"	50.0		115	51-142		4.29	30	
Chloroform	53.6		"	50.0		107	76-131		0.712	30	
Chloromethane	55.2		"	50.0		110	49-132		2.21	30	
cis-1,2-Dichloroethylene	54.7		"	50.0		109	74-132		0.0549	30	
cis-1,3-Dichloropropylene	48.3		"	50.0		96.7	81-129		0.269	30	
Cyclohexane	60.0		"	50.0		120	70-130		2.31	30	
Dibromochloromethane	44.2		"	50.0		88.4	10-200		1.01	30	
Dibromomethane	45.9		"	50.0		91.8	83-124		1.13	30	
Dichlorodifluoromethane	55.2		"	50.0		110	28-158		1.04	30	
Ethyl Benzene	50.0		"	50.0		100	84-125		1.13	30	
Hexachlorobutadiene	44.6		"	50.0		89.3	83-133		3.35	30	
Isopropylbenzene	46.9		"	50.0		93.8	81-127		2.50	30	
Methyl acetate	51.1		"	50.0		102	41-143		0.644	30	
Methyl tert-butyl ether (MTBE)	54.8		"	50.0		110	74-131		1.41	30	
Methylcyclohexane	51.2		"	50.0		102	70-130		1.65	30	
Methylene chloride	61.0		"	50.0		122	57-141		0.889	30	
n-Butylbenzene	42.1		"	50.0		84.2	80-130		1.80	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 BE00967 - EPA 5035A											
LCS Dup (BE00967-BSD1) LCS Dup									Prepared & Analyzed: 05/22/2020		
n-Propylbenzene	46.6		ug/L	50.0		93.2	74-136		2.59	30	
o-Xylene	49.3		"	50.0		98.6	83-123		0.427	30	
p- & m- Xylenes	101		"	100		101	82-128		1.06	30	
p-Isopropyltoluene	48.5		"	50.0		97.0	85-125		2.15	30	
sec-Butylbenzene	49.8		"	50.0		99.6	83-125		2.58	30	
Styrene	50.6		"	50.0		101	86-126		0.376	30	
tert-Butyl alcohol (TBA)	243		"	250		97.3	70-130		0.705	30	
tert-Butylbenzene	46.3		"	50.0		92.6	80-127		1.98	30	
Tetrachloroethylene	44.8		"	50.0		89.6	80-129		1.21	30	
Toluene	49.6		"	50.0		99.1	85-121		1.05	30	
trans-1,2-Dichloroethylene	58.7		"	50.0		117	72-132		0.907	30	
trans-1,3-Dichloropropylene	43.0		"	50.0		86.0	78-132		0.833	30	
Trichloroethylene	48.2		"	50.0		96.4	84-123		2.10	30	
Trichlorofluoromethane	48.0		"	50.0		95.9	62-140		0.0209	30	
Vinyl Chloride	57.4		"	50.0		115	52-130		5.18	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*46.4*		*"*	*50.0*		*92.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.6*		*"*	*50.0*		*93.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.8*		*"*	*50.0*		*97.6*	*76-130*				
Batch BE01090 - EPA 5030B											
Blank (BE01090-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	"								

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 BE01090 - EPA 5030B											
Blank (BE01090-BLK1) Blank									Prepared: 05/27/2020 Analyzed: 05/28/2020		
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	ND	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	*9.31*		*"*	*10.0*		*93.1*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.8*		*"*	*10.0*		*108*	*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 BE01090 - EPA 5030B											
LCS (BE01090-BS1) LCS								Prepared: 05/27/2020 Analyzed: 05/28/2020			
1,1,1,2-Tetrachloroethane	8.44		ug/L	10.0		84.4	82-126				
1,1,1-Trichloroethane	8.91		"	10.0		89.1	78-136				
1,1,2,2-Tetrachloroethane	8.63		"	10.0		86.3	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.70		"	10.0		97.0	54-165				
1,1,2-Trichloroethane	8.43		"	10.0		84.3	82-123				
1,1-Dichloroethane	8.45		"	10.0		84.5	82-129				
1,1-Dichloroethylene	9.49		"	10.0		94.9	68-138				
1,2,3-Trichlorobenzene	7.98		"	10.0		79.8	76-136				
1,2,3-Trichloropropane	7.93		"	10.0		79.3	77-128				
1,2,4-Trichlorobenzene	8.38		"	10.0		83.8	76-137				
1,2,4-Trimethylbenzene	8.68		"	10.0		86.8	82-132				
1,2-Dibromo-3-chloropropane	8.90		"	10.0		89.0	45-147				
1,2-Dibromoethane	8.16		"	10.0		81.6	83-124	Low Bias			
1,2-Dichlorobenzene	8.71		"	10.0		87.1	79-123				
1,2-Dichloroethane	8.24		"	10.0		82.4	73-132				
1,2-Dichloropropane	9.09		"	10.0		90.9	78-126				
1,3,5-Trimethylbenzene	9.07		"	10.0		90.7	80-131				
1,3-Dichlorobenzene	8.70		"	10.0		87.0	86-122				
1,4-Dichlorobenzene	8.16		"	10.0		81.6	85-124	Low Bias			
1,4-Dioxane	8.57		"	210		4.08	10-349	Low Bias			
2-Butanone	7.88		"	10.0		78.8	49-152				
2-Hexanone	8.17		"	10.0		81.7	51-146				
4-Methyl-2-pentanone	8.71		"	10.0		87.1	57-145				
Acetone	7.44		"	10.0		74.4	14-150				
Acrolein	6.89		"	10.0		68.9	10-153				
Acrylonitrile	7.58		"	10.0		75.8	51-150				
Benzene	9.06		"	10.0		90.6	85-126				
Bromochloromethane	8.55		"	10.0		85.5	77-128				
Bromodichloromethane	8.90		"	10.0		89.0	79-128				
Bromoform	8.02		"	10.0		80.2	78-133				
Bromomethane	9.11		"	10.0		91.1	43-168				
Carbon disulfide	9.48		"	10.0		94.8	68-146				
Carbon tetrachloride	8.50		"	10.0		85.0	77-141				
Chlorobenzene	8.60		"	10.0		86.0	88-120	Low Bias			
Chloroethane	12.3		"	10.0		123	65-136				
Chloroform	8.44		"	10.0		84.4	82-128				
Chloromethane	12.6		"	10.0		126	43-155				
cis-1,2-Dichloroethylene	8.44		"	10.0		84.4	83-129				
cis-1,3-Dichloropropylene	8.87		"	10.0		88.7	80-131				
Cyclohexane	9.71		"	10.0		97.1	63-149				
Dibromochloromethane	8.88		"	10.0		88.8	80-130				
Dibromomethane	8.93		"	10.0		89.3	72-134				
Dichlorodifluoromethane	13.2		"	10.0		132	44-144				
Ethyl Benzene	8.88		"	10.0		88.8	80-131				
Hexachlorobutadiene	8.58		"	10.0		85.8	67-146				
Isopropylbenzene	8.48		"	10.0		84.8	76-140				
Methyl acetate	7.86		"	10.0		78.6	51-139				
Methyl tert-butyl ether (MTBE)	8.70		"	10.0		87.0	76-135				
Methylcyclohexane	10.1		"	10.0		101	72-143				
Methylene chloride	10.1		"	10.0		101	55-137				
n-Butylbenzene	6.64		"	10.0		66.4	79-132	Low Bias			

Volatile Organic Compounds by GC/MS - Quality Control Data

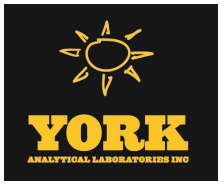
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE01090 - EPA 5030B											
LCS (BE01090-BS1) LCS								Prepared: 05/27/2020 Analyzed: 05/28/2020			
n-Propylbenzene	8.90		ug/L	10.0		89.0	78-133				
o-Xylene	8.76		"	10.0		87.6	78-130				
p- & m- Xylenes	17.4		"	20.0		87.1	77-133				
p-Isopropyltoluene	9.08		"	10.0		90.8	81-136				
sec-Butylbenzene	9.63		"	10.0		96.3	79-137				
Styrene	8.43		"	10.0		84.3	67-132				
tert-Butyl alcohol (TBA)	44.5		"	50.0		89.1	25-162				
tert-Butylbenzene	8.88		"	10.0		88.8	77-138				
Tetrachloroethylene	7.65		"	10.0		76.5	82-131	Low Bias			
Toluene	8.72		"	10.0		87.2	80-127				
trans-1,2-Dichloroethylene	9.25		"	10.0		92.5	80-132				
trans-1,3-Dichloropropylene	7.97		"	10.0		79.7	78-131				
Trichloroethylene	8.97		"	10.0		89.7	82-128				
Trichlorofluoromethane	10.1		"	10.0		101	67-139				
Vinyl Chloride	11.2		"	10.0		112	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.53*		*"*	*10.0*		*95.3*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*79-122*				
LCS Dup (BE01090-BSD1) LCS Dup								Prepared: 05/27/2020 Analyzed: 05/28/2020			
1,1,1,2-Tetrachloroethane	8.30		ug/L	10.0		83.0	82-126		1.67	30	
1,1,1-Trichloroethane	8.75		"	10.0		87.5	78-136		1.81	30	
1,1,2,2-Tetrachloroethane	9.00		"	10.0		90.0	76-129		4.20	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.78		"	10.0		97.8	54-165		0.821	30	
1,1,2-Trichloroethane	8.95		"	10.0		89.5	82-123		5.98	30	
1,1-Dichloroethane	8.56		"	10.0		85.6	82-129		1.29	30	
1,1-Dichloroethylene	9.32		"	10.0		93.2	68-138		1.81	30	
1,2,3-Trichlorobenzene	6.17		"	10.0		61.7	76-136	Low Bias	25.6	30	
1,2,3-Trichloropropane	8.37		"	10.0		83.7	77-128		5.40	30	
1,2,4-Trichlorobenzene	8.91		"	10.0		89.1	76-137		6.13	30	
1,2,4-Trimethylbenzene	8.40		"	10.0		84.0	82-132		3.28	30	
1,2-Dibromo-3-chloropropane	8.60		"	10.0		86.0	45-147		3.43	30	
1,2-Dibromoethane	9.05		"	10.0		90.5	83-124		10.3	30	
1,2-Dichlorobenzene	8.70		"	10.0		87.0	79-123		0.115	30	
1,2-Dichloroethane	8.77		"	10.0		87.7	73-132		6.23	30	
1,2-Dichloropropane	9.24		"	10.0		92.4	78-126		1.64	30	
1,3,5-Trimethylbenzene	8.67		"	10.0		86.7	80-131		4.51	30	
1,3-Dichlorobenzene	8.09		"	10.0		80.9	86-122	Low Bias	7.27	30	
1,4-Dichlorobenzene	8.32		"	10.0		83.2	85-124	Low Bias	1.94	30	
1,4-Dioxane	9.21		"	210		4.39	10-349	Low Bias	7.20	30	
2-Butanone	9.07		"	10.0		90.7	49-152		14.0	30	
2-Hexanone	8.41		"	10.0		84.1	51-146		2.90	30	
4-Methyl-2-pentanone	9.09		"	10.0		90.9	57-145		4.27	30	
Acetone	9.09		"	10.0		90.9	14-150		20.0	30	
Acrolein	8.61		"	10.0		86.1	10-153		22.2	30	
Acrylonitrile	9.23		"	10.0		92.3	51-150		19.6	30	
Benzene	9.23		"	10.0		92.3	85-126		1.86	30	
Bromochloromethane	8.89		"	10.0		88.9	77-128		3.90	30	
Bromodichloromethane	9.15		"	10.0		91.5	79-128		2.77	30	
Bromoform	9.07		"	10.0		90.7	78-133		12.3	30	
Bromomethane	9.58		"	10.0		95.8	43-168		5.03	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE01090 - EPA 5030B											
LCS Dup (BE01090-BSD1) LCS Dup								Prepared: 05/27/2020 Analyzed: 05/28/2020			
Carbon disulfide	9.21		ug/L	10.0		92.1	68-146		2.89	30	
Carbon tetrachloride	8.48		"	10.0		84.8	77-141		0.236	30	
Chlorobenzene	8.66		"	10.0		86.6	88-120	Low Bias	0.695	30	
Chloroethane	11.9		"	10.0		119	65-136		3.15	30	
Chloroform	8.77		"	10.0		87.7	82-128		3.83	30	
Chloromethane	12.2		"	10.0		122	43-155		3.62	30	
cis-1,2-Dichloroethylene	8.72		"	10.0		87.2	83-129		3.26	30	
cis-1,3-Dichloropropylene	8.80		"	10.0		88.0	80-131		0.792	30	
Cyclohexane	9.68		"	10.0		96.8	63-149		0.309	30	
Dibromochloromethane	9.36		"	10.0		93.6	80-130		5.26	30	
Dibromomethane	9.29		"	10.0		92.9	72-134		3.95	30	
Dichlorodifluoromethane	13.2		"	10.0		132	44-144		0.228	30	
Ethyl Benzene	8.66		"	10.0		86.6	80-131		2.51	30	
Hexachlorobutadiene	8.23		"	10.0		82.3	67-146		4.16	30	
Isopropylbenzene	8.08		"	10.0		80.8	76-140		4.83	30	
Methyl acetate	8.98		"	10.0		89.8	51-139		13.3	30	
Methyl tert-butyl ether (MTBE)	9.61		"	10.0		96.1	76-135		9.94	30	
Methylcyclohexane	9.84		"	10.0		98.4	72-143		2.90	30	
Methylene chloride	10.3		"	10.0		103	55-137		2.45	30	
n-Butylbenzene	7.69		"	10.0		76.9	79-132	Low Bias	14.7	30	
n-Propylbenzene	8.53		"	10.0		85.3	78-133		4.25	30	
o-Xylene	8.69		"	10.0		86.9	78-130		0.802	30	
p- & m- Xylenes	17.2		"	20.0		85.8	77-133		1.56	30	
p-Isopropyltoluene	8.71		"	10.0		87.1	81-136		4.16	30	
sec-Butylbenzene	9.38		"	10.0		93.8	79-137		2.63	30	
Styrene	8.47		"	10.0		84.7	67-132		0.473	30	
tert-Butyl alcohol (TBA)	52.2		"	50.0		104	25-162		15.9	30	
tert-Butylbenzene	8.60		"	10.0		86.0	77-138		3.20	30	
Tetrachloroethylene	7.35		"	10.0		73.5	82-131	Low Bias	4.00	30	
Toluene	8.47		"	10.0		84.7	80-127		2.91	30	
trans-1,2-Dichloroethylene	9.14		"	10.0		91.4	80-132		1.20	30	
trans-1,3-Dichloropropylene	8.31		"	10.0		83.1	78-131		4.18	30	
Trichloroethylene	8.65		"	10.0		86.5	82-128		3.63	30	
Trichlorofluoromethane	9.55		"	10.0		95.5	67-139		5.89	30	
Vinyl Chloride	11.0		"	10.0		110	58-145		2.34	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.97*		*"*	*10.0*		*99.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.87*		*"*	*10.0*		*98.7*	*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 BE01107 - EPA 3550C

Blank (BE01107-BLK1) Blank — Prepared: 05/27/2020 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 BE01107 - EPA 3550C											
Blank (BE01107-BLK1) Blank									Prepared: 05/27/2020 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	*1.21*		"	*1.66*		*73.1*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.16*		"	*1.66*		*69.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.619*		"	*0.831*		*74.5*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.638*		"	*0.831*		*76.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.68*		"	*1.66*		*101*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.840*		"	*0.831*		*101*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

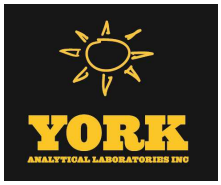
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE01107 - EPA 3550C											
LCS (BE01107-BS1) LCS									Prepared: 05/27/2020 Analyzed: 05/28/2020		
1,1-Biphenyl	0.470	0.0416	mg/kg wet	0.831		56.6	18-111				
1,2,4,5-Tetrachlorobenzene	0.612	0.0830	"	0.831		73.6	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.467	0.0416	"	0.831		56.2	17-137				
2,3,4,6-Tetrachlorophenol	0.671	0.0830	"	0.831		80.8	30-130				
2,4,5-Trichlorophenol	0.528	0.0416	"	0.831		63.6	27-118				
2,4,6-Trichlorophenol	0.551	0.0416	"	0.831		66.4	31-120				
2,4-Dichlorophenol	0.527	0.0416	"	0.831		63.4	20-127				
2,4-Dimethylphenol	0.478	0.0416	"	0.831		57.6	14-132				
2,4-Dinitrophenol	0.614	0.0830	"	0.831		73.9	10-171				
2,4-Dinitrotoluene	0.657	0.0416	"	0.831		79.1	34-131				
2,6-Dinitrotoluene	0.605	0.0416	"	0.831		72.9	31-128				
2-Chloronaphthalene	0.502	0.0416	"	0.831		60.4	31-117				
2-Chlorophenol	0.471	0.0416	"	0.831		56.7	33-113				
2-Methylnaphthalene	0.547	0.0416	"	0.831		65.9	12-138				
2-Methylphenol	0.426	0.0416	"	0.831		51.2	10-136				
2-Nitroaniline	0.578	0.0830	"	0.831		69.6	27-132				
2-Nitrophenol	0.547	0.0416	"	0.831		65.8	17-129				
3- & 4-Methylphenols	0.365	0.0416	"	0.831		43.9	29-103				
3,3-Dichlorobenzidine	0.503	0.0416	"	0.831		60.6	22-149				
3-Nitroaniline	0.523	0.0830	"	0.831		63.0	20-133				
4,6-Dinitro-2-methylphenol	0.712	0.0830	"	0.831		85.8	10-143				
4-Bromophenyl phenyl ether	0.549	0.0416	"	0.831		66.1	29-120				
4-Chloro-3-methylphenol	0.557	0.0416	"	0.831		67.0	24-129				
4-Chloroaniline	0.403	0.0416	"	0.831		48.5	10-132				
4-Chlorophenyl phenyl ether	0.555	0.0416	"	0.831		66.8	27-124				
4-Nitroaniline	0.563	0.0830	"	0.831		67.8	16-128				
4-Nitrophenol	0.606	0.0830	"	0.831		73.0	10-141				
Acenaphthene	0.502	0.0416	"	0.831		60.4	30-121				
Acenaphthylene	0.488	0.0416	"	0.831		58.7	30-115				
Acetophenone	0.410	0.0416	"	0.831		49.4	20-112				
Aniline	0.476	0.166	"	0.831		57.4	10-119				
Anthracene	0.612	0.0416	"	0.831		73.7	34-118				
Atrazine	0.546	0.0416	"	0.831		65.8	26-112				
Benzaldehyde	0.479	0.0416	"	0.831		57.7	21-100				
Benzo(a)anthracene	0.641	0.0416	"	0.831		77.1	32-122				
Benzo(a)pyrene	0.667	0.0416	"	0.831		80.4	29-133				
Benzo(b)fluoranthene	0.684	0.0416	"	0.831		82.4	25-133				
Benzo(g,h,i)perylene	0.641	0.0416	"	0.831		77.2	10-143				
Benzo(k)fluoranthene	0.652	0.0416	"	0.831		78.5	25-128				
Benzoic acid	0.252	0.0416	"	0.831		30.4	10-140				
Benzyl alcohol	0.531	0.0416	"	0.831		63.9	30-115				
Benzyl butyl phthalate	0.655	0.0416	"	0.831		78.9	26-126				
Bis(2-chloroethoxy)methane	0.485	0.0416	"	0.831		58.4	19-132				
Bis(2-chloroethyl)ether	0.445	0.0416	"	0.831		53.6	19-125				
Bis(2-chloroisopropyl)ether	0.487	0.0416	"	0.831		58.6	20-135				
Bis(2-ethylhexyl)phthalate	0.621	0.0416	"	0.831		74.7	10-155				
Caprolactam	0.554	0.0830	"	0.831		66.7	10-127				
Carbazole	0.608	0.0416	"	0.831		73.2	35-123				
Chrysene	0.624	0.0416	"	0.831		75.2	32-123				
Dibenzo(a,h)anthracene	0.706	0.0416	"	0.831		85.0	10-136				
Dibenzofuran	0.537	0.0416	"	0.831		64.6	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 BE01107 - EPA 3550C											
LCS (BE01107-BS1) LCS									Prepared: 05/27/2020 Analyzed: 05/28/2020		
Diethyl phthalate	0.566	0.0416	mg/kg wet	0.831		68.2	34-116				
Dimethyl phthalate	0.556	0.0416	"	0.831		67.0	35-124				
Di-n-butyl phthalate	0.637	0.0416	"	0.831		76.7	31-116				
Di-n-octyl phthalate	0.655	0.0416	"	0.831		78.9	26-136				
Diphenylamine	0.631	0.0830	"	0.831		75.9	40-140				
Fluoranthene	0.655	0.0416	"	0.831		78.9	33-122				
Fluorene	0.533	0.0416	"	0.831		64.1	29-123				
Hexachlorobenzene	0.517	0.0416	"	0.831		62.3	21-124				
Hexachlorobutadiene	0.521	0.0416	"	0.831		62.8	10-149				
Hexachlorocyclopentadiene	0.499	0.0416	"	0.831		60.0	10-129				
Hexachloroethane	0.450	0.0416	"	0.831		54.1	28-108				
Indeno(1,2,3-cd)pyrene	0.731	0.0416	"	0.831		88.0	10-135				
Isophorone	0.520	0.0416	"	0.831		62.6	20-132				
Naphthalene	0.520	0.0416	"	0.831		62.6	23-124				
Nitrobenzene	0.461	0.0416	"	0.831		55.6	13-132				
N-Nitrosodimethylamine	0.464	0.0416	"	0.831		55.8	11-129				
N-nitroso-di-n-propylamine	0.463	0.0416	"	0.831		55.8	24-119				
N-Nitrosodiphenylamine	0.628	0.0416	"	0.831		75.6	22-152				
Pentachlorophenol	0.621	0.0416	"	0.831		74.7	10-139				
Phenanthrene	0.591	0.0416	"	0.831		71.1	33-123				
Phenol	0.450	0.0416	"	0.831		54.2	23-115				
Pyrene	0.618	0.0416	"	0.831		74.4	32-130				
Pyridine	0.376	0.166	"	0.831		45.3	10-91				
Surrogate: SURR: 2-Fluorophenol	*0.915*		"	*1.66*		*55.1*	*20-108*				
Surrogate: SURR: Phenol-d5	*0.905*		"	*1.66*		*54.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.471*		"	*0.831*		*56.7*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.483*		"	*0.831*		*58.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.42*		"	*1.66*		*85.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.714*		"	*0.831*		*86.0*	*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 BE01110 - EPA 3550C											
Blank (BE01110-BLK1) Blank									Prepared: 05/27/2020 Analyzed: 05/28/2020		
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	"								
Chlordane, total	ND	0.0329	"								
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	0.00822	"								
Toxaphene	ND	0.0832	"								
Surrogate: Decachlorobiphenyl	*0.0683*		*"*	*0.0664*		*103*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0703*		*"*	*0.0664*		*106*	*30-150*				
LCS (BE01110-BS1) LCS									Prepared: 05/27/2020 Analyzed: 05/28/2020		
4,4'-DDD	0.0398	0.00164	mg/kg wet	0.0332		120	40-140				
4,4'-DDE	0.0335	0.00164	"	0.0332		101	40-140				
4,4'-DDT	0.0328	0.00164	"	0.0332		98.9	40-140				
Aldrin	0.0381	0.00164	"	0.0332		115	40-140				
alpha-BHC	0.0358	0.00164	"	0.0332		108	40-140				
alpha-Chlordane	0.0397	0.00164	"	0.0332		120	40-140				
beta-BHC	0.0331	0.00164	"	0.0332		99.5	40-140				
delta-BHC	0.0359	0.00164	"	0.0332		108	40-140				
Dieldrin	0.0403	0.00164	"	0.0332		121	40-140				
Endosulfan I	0.0422	0.00164	"	0.0332		127	40-140				
Endosulfan II	0.0395	0.00164	"	0.0332		119	40-140				
Endosulfan sulfate	0.0427	0.00164	"	0.0332		129	40-140				
Endrin	0.0372	0.00164	"	0.0332		112	40-140				
Endrin aldehyde	0.0449	0.00164	"	0.0332		135	40-140				
Endrin ketone	0.0409	0.00164	"	0.0332		123	40-140				
gamma-BHC (Lindane)	0.0368	0.00164	"	0.0332		111	40-140				
gamma-Chlordane	0.0399	0.00164	"	0.0332		120	40-140				
Heptachlor	0.0392	0.00164	"	0.0332		118	40-140				
Heptachlor epoxide	0.0399	0.00164	"	0.0332		120	40-140				
Methoxychlor	0.0386	0.00822	"	0.0332		116	40-140				
Surrogate: Decachlorobiphenyl	*0.0667*		*"*	*0.0664*		*100*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0685*		*"*	*0.0664*		*103*	*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 Y0E2904 - BE01110											
Performance Mix (Y0E2904-P Performance Mix									Prepared & Analyzed: 05/28/2020		
4,4'-DDD	15.4		ng/mL	0.00			0-200				
4,4'-DDE	2.11		"	0.00			0-200				
4,4'-DDT	203		"	200		102	0-200				
Endrin	115		"	100		115	0-200				
Endrin aldehyde	2.46		"	0.00			0-200				
Endrin ketone	5.67		"	0.00			0-200				

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 BE00949 - EPA 3050B											
Blank (BE00949-BLK1) Blank									Prepared: 05/22/2020 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	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 (BE00949-DUP1) Duplicate				*Source sample: 20E0680-03 (EP13-eI56)					Prepared: 05/22/2020 Analyzed: 05/27/2020		
Aluminum	5820	5.23	mg/kg dry		5700				1.95	35	
Antimony	ND	2.61	"		ND					35	
Arsenic	ND	1.57	"		ND					35	
Barium	50.9	2.61	"		62.4				20.4	35	
Beryllium	ND	0.052	"		ND					35	
Cadmium	ND	0.314	"		0.504					35	
Calcium	3230	5.23	"		2610				21.5	35	
Chromium	18.5	0.523	"		27.4				38.8	35	Non-dir.
Cobalt	9.00	0.418	"		9.41				4.41	35	
Copper	42.8	2.09	"		38.7				10.1	35	
Iron	17200	26.1	"		13700				22.9	35	
Lead	19.7	0.523	"		17.4				12.1	35	
Magnesium	3820	5.23	"		3510				8.46	35	
Manganese	429	0.523	"		725				51.4	35	Non-dir.
Nickel	40.3	1.05	"		76.6				62.1	35	Non-dir.
Potassium	1330	5.23	"		1200				10.6	35	
Selenium	ND	2.61	"		ND					35	
Silver	ND	0.523	"		ND					35	
Sodium	328	52.3	"		342				4.20	35	
Thallium	ND	2.61	"		ND					35	
Vanadium	36.9	1.05	"		26.5				32.7	35	
Zinc	53.4	2.61	"		63.2				16.8	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 BE00949 - EPA 3050B											
Matrix Spike (BE00949-MS1) Matrix Spike	*Source sample: 20E0680-03 (EP13-eI56)							Prepared: 05/22/2020 Analyzed: 05/27/2020			
Aluminum	5850	5.23	mg/kg dry	209	5700	71.3	75-125	Low Bias			
Antimony	7.33	2.61	"	26.1	ND	28.0	75-125	Low Bias			
Arsenic	206	1.57	"	209	ND	98.6	75-125				
Barium	256	2.61	"	209	62.4	92.5	75-125				
Beryllium	2.44	0.052	"	5.23	ND	46.6	75-125	Low Bias			
Cadmium	5.32	0.314	"	5.23	0.504	92.2	75-125				
Calcium	2790	5.23	"	105	2610	175	75-125	High Bias			
Chromium	38.7	0.523	"	20.9	27.4	53.8	75-125	Low Bias			
Cobalt	62.6	0.418	"	52.3	9.41	102	75-125				
Copper	56.7	2.09	"	26.1	38.7	68.9	75-125	Low Bias			
Iron	17600	26.1	"	105	13700	NR	75-125	High Bias			
Lead	71.2	0.523	"	52.3	17.4	103	75-125				
Magnesium	3830	5.23	"	105	3510	309	75-125	High Bias			
Manganese	440	0.523	"	52.3	725	NR	75-125	Low Bias			
Nickel	88.1	1.05	"	52.3	76.6	22.1	75-125	Low Bias			
Potassium	1550	5.23	"	105	1200	338	75-125	High Bias			
Selenium	177	2.61	"	209	ND	84.7	75-125				
Silver	3.56	0.523	"	5.23	ND	68.2	75-125	Low Bias			
Sodium	383	52.3	"	105	342	39.8	75-125	Low Bias			
Thallium	211	2.61	"	209	ND	101	75-125				
Vanadium	93.2	1.05	"	52.3	26.5	128	75-125	High Bias			
Zinc	108	2.61	"	52.3	63.2	86.3	75-125				
Post Spike (BE00949-PS1) Post Spike	*Source sample: 20E0680-03 (EP13-eI56)							Prepared: 05/22/2020 Analyzed: 05/27/2020			
Aluminum	58.4		ug/mL	2.00	54.6	192	75-125	High Bias			
Antimony	0.247		"	0.250	0.002	98.0	75-125				
Arsenic	1.96		"	2.00	0.008	97.5	75-125				
Barium	2.64		"	2.00	0.597	102	75-125				
Beryllium	0.026		"	0.0500	-0.023	51.2	75-125	Low Bias			
Cadmium	0.055		"	0.0500	0.005	101	75-125				
Calcium	27.1		"	1.00	24.9	214	75-125	High Bias			
Chromium	0.461		"	0.200	0.263	99.4	75-125				
Cobalt	0.614		"	0.500	0.090	105	75-125				
Copper	0.616		"	0.250	0.370	98.5	75-125				
Iron	135		"	1.00	131	365	75-125	High Bias			
Lead	0.663		"	0.500	0.167	99.1	75-125				
Magnesium	35.5		"	1.00	33.5	191	75-125	High Bias			
Manganese	7.43		"	0.500	6.94	98.5	75-125				
Nickel	1.29		"	0.500	0.733	111	75-125				
Potassium	12.7		"	1.00	11.5	120	75-125				
Selenium	1.71		"	2.00	-0.069	85.6	75-125				
Silver	0.030		"	0.0500	-0.003	59.4	75-125	Low Bias			
Sodium	4.55		"	1.00	3.27	128	75-125	High Bias			
Thallium	2.00		"	2.00	-0.043	99.8	75-125				
Vanadium	0.739		"	0.500	0.254	97.1	75-125				
Zinc	1.13		"	0.500	0.605	105	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 BE00949 - EPA 3050B											
Reference (BE00949-SRM1) Reference											Prepared: 05/22/2020 Analyzed: 05/27/2020
Aluminum	8720	5.00	mg/kg wet	8460		103	50.5-150.1				
Antimony	64.0	2.50	"	120		53.4	19-251.7				
Arsenic	94.8	1.50	"	95.5		99.3	70.1-129.8				
Barium	315	2.50	"	300		105	75-125				
Beryllium	104	0.050	"	103		101	75-125.2				
Cadmium	142	0.300	"	135		105	74.8-125.2				
Calcium	4840	5.00	"	4720		102	72.7-127.5				
Chromium	149	0.500	"	147		101	70.1-129.9				
Cobalt	47.7	0.400	"	43.2		110	75-125				
Copper	166	2.00	"	150		111	75.3-125.3				
Iron	14300	25.0	"	14400		99.4	35.8-164.6				
Lead	93.6	0.500	"	92.3		101	70-130				
Magnesium	2450	5.00	"	2300		106	61.7-137.8				
Manganese	703	0.500	"	677		104	78.1-122				
Nickel	74.1	1.00	"	59.8		124	70.1-130.1				
Potassium	2130	5.00	"	2030		105	59.1-140.9				
Selenium	27.2	2.50	"	42.0		64.9	55.7-144.5				
Silver	40.2	0.500	"	40.3		99.6	69.2-130.8				
Sodium	144	50.0	"	139		104	36.1-163.3				
Thallium	85.5	2.50	"	83.1		103	65.3-146.8				
Vanadium	94.2	1.00	"	96.9		97.2	67-133.1				
Zinc	371	2.50	"	369		100	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 BE00989 - EPA 7473 soil											
Blank (BE00989-BLK1) Blank									Prepared & Analyzed: 05/22/2020		
Mercury	ND	0.0300	mg/kg wet								
Reference (BE00989-SRM1) Reference									Prepared & Analyzed: 05/22/2020		
Mercury	3.4996		mg/kg	3.71		94.3	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 BE00939 - Analysis Preparation Soil											
Blank (BE00939-BLK1) Blank									Prepared & Analyzed: 05/22/2020		
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BE00939-SRM1) Reference									Prepared & Analyzed: 05/22/2020		
Cyanide, total	97.7		ug/mL	96.2		102	42.41-156.96				
Batch BE00946 - EPA SW846-3060											
Blank (BE00946-BLK1) Blank									Prepared & Analyzed: 05/22/2020		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BE00946-SRM1) Reference									Prepared & Analyzed: 05/22/2020		
Chromium, Hexavalent	102		mg/L	124		82.7	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 BE00940 - % Solids Prep											
Duplicate (BE00940-DUP1) Duplicate	*Source sample: 20E0680-03 (EP13-eI56)							Prepared & Analyzed: 05/22/2020			
% Solids	95.8	0.100	%		95.7				0.0809	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20E0680-01	EP10-eI56	40mL Vial with Stir Bar-Cool 4° C
20E0680-02	EP11-eI56	40mL Vial with Stir Bar-Cool 4° C
20E0680-03	EP13-eI56	40mL Vial with Stir Bar-Cool 4° C
20E0680-04	TB03_052120	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
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.
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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. 20E0680

YOUR Information	Report To:	Invoice To:
Company: Langan	Company:	Company:
Address: 360 W 31 St. 8th Floor, NY	Address:	Address:
Phone.:	Phone.:	Phone.:
Contact: Kim Semon	Contact:	Contact:
E-mail: KSemon@Langan.com	E-mail:	E-mail:

YOUR Project Number: 170384501

YOUR Project Name: 805-825 Atlantic Avenue

YOUR PO#:

Turn-Around Time

RUSH - Next Day VOC ONLY	X
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.

Andrew Nesci
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; 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
EP10-e156	S	5/21/20 13:10	TCL/TAL Part 375 VOCs, SVOCs, TCL/TAL Part 375 Metals, Pesticides, TCN, tri/hex chrome	
EP11-e156	S	13:22	↓	
EP13-e156	S	13:31	↓	
TB03-052120	Water	↓	TCL/TAL Part 375 VOCs	

Comments: 24 hour TAT VOCs
Standard TAT Remainder Analytes

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
Andrew Nesci / Langan	5:10 5/21/2020		1510 5/21/20
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	5-21-20 1614		5-21-20 1827
Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time

Samples Relinquished by / Company	Date/Time
	5/21/20
Samples Received by / Company	Date/Time
Samples Received in LAB by	Date/Time
	5/21/2020 1827

Temp. Received at Lab: 2.3 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: 06/02/2020
Client Project ID: 170384501
York Project (SDG) No.: 20E0765

Report Date: 06/02/2020
Client Project ID: 170384501
York Project (SDG) No.: 20E0765

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 May 26, 2020 and listed below. The project was identified as your project: **170384501**.

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
20E0765-01	TB04_052620	Water	05/26/2020	05/26/2020
20E0765-02	EP12_eI55	Soil	05/26/2020	05/26/2020
20E0765-03	EP14_eI56	Soil	05/26/2020	05/26/2020

General Notes for York Project (SDG) No.: 20E0765

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: 06/02/2020

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: TB04_052620 **York Sample ID:** 20E0765-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0765	170384501	Water	May 26, 2020 7:00 am	05/26/2020

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 09:30	05/28/2020 04:07	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	05/27/2020 09:30	05/28/2020 04:07	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	05/27/2020 09:30	05/28/2020 04:07	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	05/27/2020 09:30	05/28/2020 04:07	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	05/27/2020 09:30	05/28/2020 04:07	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	05/27/2020 09:30	05/28/2020 04:07	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	05/27/2020 09:30	05/28/2020 04:07	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	05/27/2020 09:30	05/28/2020 04:07	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	05/27/2020 09:30	05/28/2020 04:07	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	05/27/2020 09:30	05/28/2020 04:07	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	05/27/2020 09:30	05/28/2020 04:07	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	05/27/2020 09:30	05/28/2020 04:07	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	05/27/2020 09:30	05/28/2020 04:07	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	05/27/2020 09:30	05/28/2020 04:07	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	05/27/2020 09:30	05/28/2020 04:07	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	05/27/2020 09:30	05/28/2020 04:07	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	05/27/2020 09:30	05/28/2020 04:07	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	05/27/2020 09:30	05/28/2020 04:07	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	05/27/2020 09:30	05/28/2020 04:07	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	05/27/2020 09:30	05/28/2020 04:07	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**6.66**		ug/L	0.200	2.00	1	EPA 8260C	05/27/2020 09:30	05/28/2020 04:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB04_052620 **York Sample ID:** 20E0765-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0765	170384501	Water	May 26, 2020 7:00 am	05/26/2020

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**	**2.43**	CCV-E	ug/L	0.200	2.00	1	EPA 8260C	05/27/2020 09:30	05/28/2020 04:07	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	05/27/2020 09:30	05/28/2020 04:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**54.4**	SCAL-E	ug/L	1.00	2.00	1	EPA 8260C	05/27/2020 09:30	05/28/2020 04:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	2.00	1	EPA 8260C	05/27/2020 09:30	05/28/2020 04:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	2.00	1	EPA 8260C	05/27/2020 09:30	05/28/2020 04:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	**Benzene**	**0.520**		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 09:30	05/28/2020 04:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 09:30	05/28/2020 04:07	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 09:30	05/28/2020 04:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 09:30	05/28/2020 04:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 09:30	05/28/2020 04:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 09:30	05/28/2020 04:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 09:30	05/28/2020 04:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 09:30	05/28/2020 04:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 09:30	05/28/2020 04:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 09:30	05/28/2020 04:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 09:30	05/28/2020 04:07	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	05/27/2020 09:30	05/28/2020 04:07	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	05/27/2020 09:30	05/28/2020 04:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 09:30	05/28/2020 04:07	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 09:30	05/28/2020 04:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 09:30	05/28/2020 04:07	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 09:30	05/28/2020 04:07	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB04_052620 **York Sample ID:** 20E0765-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0765	170384501	Water	May 26, 2020 7:00 am	05/26/2020

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 09:30	05/28/2020 04:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 09:30	05/28/2020 04:07	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 09:30	05/28/2020 04:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	2.00	1	EPA 8260C	05/27/2020 09:30	05/28/2020 04:07	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	05/27/2020 09:30	05/28/2020 04:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 09:30	05/28/2020 04:07	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	05/27/2020 09:30	05/28/2020 04:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 09:30	05/28/2020 04:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 09:30	05/28/2020 04:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 09:30	05/28/2020 04:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	05/27/2020 09:30	05/28/2020 04:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 09:30	05/28/2020 04:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 09:30	05/28/2020 04:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 09:30	05/28/2020 04:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	10.0	1	EPA 8260C	05/27/2020 09:30	05/28/2020 04:07	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 09:30	05/28/2020 04:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 09:30	05/28/2020 04:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 09:30	05/28/2020 04:07	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	05/27/2020 09:30	05/28/2020 04:07	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	05/27/2020 09:30	05/28/2020 04:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 09:30	05/28/2020 04:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/27/2020 09:30	05/28/2020 04:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB04_052620 **York Sample ID:** 20E0765-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0765	170384501	Water	May 26, 2020 7:00 am	05/26/2020

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 09:30	05/28/2020 04:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	05/27/2020 09:30	05/28/2020 04:07	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*100 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*79-122*

Sample Information

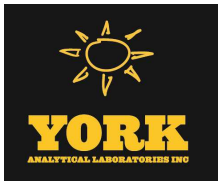
Client Sample ID: EP12_eI55 **York Sample ID:** 20E0765-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0765	170384501	Soil	May 26, 2020 8:00 am	05/26/2020

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	05/27/2020 09:00	05/27/2020 13:29	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	05/27/2020 09:00	05/27/2020 13:29	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	05/27/2020 09:00	05/27/2020 13:29	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	05/27/2020 09:00	05/27/2020 13:29	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	05/27/2020 09:00	05/27/2020 13:29	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	05/27/2020 09:00	05/27/2020 13:29	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	05/27/2020 09:00	05/27/2020 13:29	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	05/27/2020 09:00	05/27/2020 13:29	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	05/27/2020 09:00	05/27/2020 13:29	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	05/27/2020 09:00	05/27/2020 13:29	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	05/27/2020 09:00	05/27/2020 13:29	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	05/27/2020 09:00	05/27/2020 13:29	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	05/27/2020 09:00	05/27/2020 13:29	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	05/27/2020 09:00	05/27/2020 13:29	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	05/27/2020 09:00	05/27/2020 13:29	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	05/27/2020 09:00	05/27/2020 13:29	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	05/27/2020 09:00	05/27/2020 13:29	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	05/27/2020 09:00	05/27/2020 13:29	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	05/27/2020 09:00	05/27/2020 13:29	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.040	0.079	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:29	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:29	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:29	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		



Sample Information

Client Sample ID: EP12_eI55 **York Sample ID:** 20E0765-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0765	170384501	Soil	May 26, 2020 8:00 am	05/26/2020

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
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:29	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:29	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:29	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:29	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:29	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:29	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:29	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:29	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:29	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	05/27/2020 09:00	05/27/2020 13:29	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	05/27/2020 09:00	05/27/2020 13:29	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:29	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:29	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:29	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:29	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	05/27/2020 09:00	05/27/2020 13:29	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	05/27/2020 09:00	05/27/2020 13:29	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:29	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:29	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:29	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:29	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:29	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP12_eI55 **York Sample ID:** 20E0765-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0765	170384501	Soil	May 26, 2020 8:00 am	05/26/2020

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
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:29	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:29	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	05/27/2020 09:00	05/27/2020 13:29	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	05/27/2020 09:00	05/27/2020 13:29	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:29	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:29	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	05/27/2020 09:00	05/27/2020 13:29	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	05/27/2020 09:00	05/27/2020 13:29	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	05/27/2020 09:00	05/27/2020 13:29	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:29	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:29	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	05/27/2020 09:00	05/27/2020 13:29	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:29	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	05/27/2020 09:00	05/27/2020 13:29	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:29	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:29	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:29	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	05/27/2020 09:00	05/27/2020 13:29	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	05/27/2020 09:00	05/27/2020 13:29	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:29	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:29	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:29	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP12_eI55 **York Sample ID:** 20E0765-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0765	170384501	Soil	May 26, 2020 8:00 am	05/26/2020

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
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0059	0.012	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:29	AB
								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*	*90.1 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*84.0 %*	*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	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.141	0.282	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.141	0.282	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.141	0.282	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP12_eI55 **York Sample ID:** 20E0765-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0765	170384501	Soil	May 26, 2020 8:00 am	05/26/2020

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
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.141	0.282	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.141	0.282	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.141	0.282	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.141	0.282	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.141	0.282	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.283	0.566	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND	CCV-L	mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCV-L	mg/kg dry	0.283	0.566	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP12_eI55 **York Sample ID:** 20E0765-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0765	170384501	Soil	May 26, 2020 8:00 am	05/26/2020

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
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.141	0.282	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.141	0.282	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP12_eI55 **York Sample ID:** 20E0765-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0765	170384501	Soil	May 26, 2020 8:00 am	05/26/2020

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
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND	CCV-L	mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0708	0.141	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.283	0.566	2	EPA 8270D	05/28/2020 14:11	05/29/2020 14:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*72.4 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*73.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*92.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*70.3 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*81.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*77.3 %*	*24-116*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: EP12_eI55 **York Sample ID:** 20E0765-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0765	170384501	Soil	May 26, 2020 8:00 am	05/26/2020

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	0.00192	5	EPA 8081B	05/29/2020 07:43	06/01/2020 15:16	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00192	5	EPA 8081B	05/29/2020 07:43	06/01/2020 15:16	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00192	5	EPA 8081B	05/29/2020 07:43	06/01/2020 15:16	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		mg/kg dry	0.00192	5	EPA 8081B	05/29/2020 07:43	06/01/2020 15:16	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B	05/29/2020 07:43	06/01/2020 15:16	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00192	5	EPA 8081B	05/29/2020 07:43	06/01/2020 15:16	CM
							Certifications: NELAC-NY10854,NJDEP			
319-85-7	beta-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B	05/29/2020 07:43	06/01/2020 15:16	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	Chlordane, total	ND		mg/kg dry	0.0384	5	EPA 8081B	05/29/2020 07:43	06/01/2020 15:16	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B	05/29/2020 07:43	06/01/2020 15:16	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		mg/kg dry	0.00192	5	EPA 8081B	05/29/2020 07:43	06/01/2020 15:16	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00192	5	EPA 8081B	05/29/2020 07:43	06/01/2020 15:16	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00192	5	EPA 8081B	05/29/2020 07:43	06/01/2020 15:16	CM
							Certifications: CTDOH,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00192	5	EPA 8081B	05/29/2020 07:43	06/01/2020 15:16	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		mg/kg dry	0.00192	5	EPA 8081B	05/29/2020 07:43	06/01/2020 15:16	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00192	5	EPA 8081B	05/29/2020 07:43	06/01/2020 15:16	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00192	5	EPA 8081B	05/29/2020 07:43	06/01/2020 15:16	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00192	5	EPA 8081B	05/29/2020 07:43	06/01/2020 15:16	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00192	5	EPA 8081B	05/29/2020 07:43	06/01/2020 15:16	CM
							Certifications: NELAC-NY10854,NJDEP			
76-44-8	Heptachlor	ND		mg/kg dry	0.00192	5	EPA 8081B	05/29/2020 07:43	06/01/2020 15:16	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00192	5	EPA 8081B	05/29/2020 07:43	06/01/2020 15:16	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00961	5	EPA 8081B	05/29/2020 07:43	06/01/2020 15:16	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		mg/kg dry	0.0972	5	EPA 8081B	05/29/2020 07:43	06/01/2020 15:16	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: EP12_eI55 **York Sample ID:** 20E0765-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0765	170384501	Soil	May 26, 2020 8:00 am	05/26/2020

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
	Surrogate Recoveries	**Result**		**Acceptance Range**						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*76.7 %*		*30-150*						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.0 %*		*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**	**6440**	B	mg/kg dry	5.84	1	EPA 6010D	05/27/2020 07:35	05/28/2020 13:30	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.92	1	EPA 6010D	05/27/2020 07:35	05/28/2020 13:30	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.75	1	EPA 6010D	05/27/2020 07:35	05/28/2020 13:30	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**36.9**		mg/kg dry	2.92	1	EPA 6010D	05/27/2020 07:35	05/28/2020 13:30	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.058	1	EPA 6010D	05/27/2020 07:35	05/28/2020 13:30	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.351	1	EPA 6010D	05/27/2020 07:35	05/28/2020 13:30	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**2260**		mg/kg dry	5.84	1	EPA 6010D	05/27/2020 07:35	05/28/2020 13:30	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**18.1**		mg/kg dry	0.584	1	EPA 6010D	05/27/2020 07:35	05/28/2020 13:30	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.09**		mg/kg dry	0.467	1	EPA 6010D	05/27/2020 07:35	05/28/2020 13:30	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**19.3**		mg/kg dry	2.34	1	EPA 6010D	05/27/2020 07:35	05/28/2020 13:30	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**13400**		mg/kg dry	29.2	1	EPA 6010D	05/27/2020 07:35	05/28/2020 13:30	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**7.35**		mg/kg dry	0.584	1	EPA 6010D	05/27/2020 07:35	05/28/2020 13:30	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3730**		mg/kg dry	5.84	1	EPA 6010D	05/27/2020 07:35	05/28/2020 13:30	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**318**		mg/kg dry	0.584	1	EPA 6010D	05/27/2020 07:35	05/28/2020 13:30	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**38.5**		mg/kg dry	1.17	1	EPA 6010D	05/27/2020 07:35	05/28/2020 13:30	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1230**		mg/kg dry	5.84	1	EPA 6010D	05/27/2020 07:35	05/28/2020 13:30	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.92	1	EPA 6010D	05/27/2020 07:35	05/28/2020 13:30	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP12_eI55 **York Sample ID:** 20E0765-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0765	170384501	Soil	May 26, 2020 8:00 am	05/26/2020

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
7440-22-4	Silver	ND		mg/kg dry	0.584	1	EPA 6010D	05/27/2020 07:35	05/28/2020 13:30	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**217**		mg/kg dry	58.4	1	EPA 6010D	05/27/2020 07:35	05/28/2020 13:30	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.92	1	EPA 6010D	05/27/2020 07:35	05/28/2020 13:30	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**27.7**		mg/kg dry	1.17	1	EPA 6010D	05/27/2020 07:35	05/28/2020 13:30	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**48.6**		mg/kg dry	2.92	1	EPA 6010D	05/27/2020 07:35	05/28/2020 13:30	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	0.0351	1	EPA 7473	05/27/2020 12:28	05/27/2020 14:49	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	0.584	1	EPA 7196A	05/27/2020 09:13	05/27/2020 14:29	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**	**18.1**		mg/kg	0.500	1	Calculation	05/29/2020 11:34	05/29/2020 11:34	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	05/27/2020 08:54	05/27/2020 14:35	JAG
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

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

Sample Information

Client Sample ID: **EP12_eI55** **York Sample ID:** **20E0765-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0765	170384501	Soil	May 26, 2020 8:00 am	05/26/2020

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 08:51	05/27/2020 11:37	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: EP14_eI56 **York Sample ID:** 20E0765-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0765	170384501	Soil	May 26, 2020 9:00 am	05/26/2020

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	05/27/2020 09:00	05/27/2020 13:56	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	05/27/2020 09:00	05/27/2020 13:56	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	05/27/2020 09:00	05/27/2020 13:56	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	05/27/2020 09:00	05/27/2020 13:56	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	05/27/2020 09:00	05/27/2020 13:56	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	05/27/2020 09:00	05/27/2020 13:56	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	05/27/2020 09:00	05/27/2020 13:56	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	05/27/2020 09:00	05/27/2020 13:56	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	05/27/2020 09:00	05/27/2020 13:56	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	05/27/2020 09:00	05/27/2020 13:56	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	05/27/2020 09:00	05/27/2020 13:56	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	05/27/2020 09:00	05/27/2020 13:56	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	05/27/2020 09:00	05/27/2020 13:56	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	05/27/2020 09:00	05/27/2020 13:56	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	05/27/2020 09:00	05/27/2020 13:56	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	05/27/2020 09:00	05/27/2020 13:56	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	05/27/2020 09:00	05/27/2020 13:56	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	05/27/2020 09:00	05/27/2020 13:56	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	05/27/2020 09:00	05/27/2020 13:56	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	05/27/2020 09:00	05/27/2020 13:56	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP14_eI56 **York Sample ID:** 20E0765-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0765	170384501	Soil	May 26, 2020 9:00 am	05/26/2020

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	05/27/2020 09:00	05/27/2020 13:56	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	05/27/2020 09:00	05/27/2020 13:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:56	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:56	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	05/27/2020 09:00	05/27/2020 13:56	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	05/27/2020 09:00	05/27/2020 13:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:56	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	05/27/2020 09:00	05/27/2020 13:56	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	05/27/2020 09:00	05/27/2020 13:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:56	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:56	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:56	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:56	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP14_eI56 **York Sample ID:** 20E0765-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0765	170384501	Soil	May 26, 2020 9:00 am	05/26/2020

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	05/27/2020 09:00	05/27/2020 13:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:56	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:56	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	05/27/2020 09:00	05/27/2020 13:56	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	05/27/2020 09:00	05/27/2020 13:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:56	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:56	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	05/27/2020 09:00	05/27/2020 13:56	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	05/27/2020 09:00	05/27/2020 13:56	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	05/27/2020 09:00	05/27/2020 13:56	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	05/27/2020 09:00	05/27/2020 13:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:56	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	05/27/2020 09:00	05/27/2020 13:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:56	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	05/27/2020 09:00	05/27/2020 13:56	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:56	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	05/27/2020 09:00	05/27/2020 13:56	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	05/27/2020 09:00	05/27/2020 13:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	05/27/2020 09:00	05/27/2020 13:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP14_eI56 **York Sample ID:** 20E0765-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0765	170384501	Soil	May 26, 2020 9:00 am	05/26/2020

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	05/27/2020 09:00	05/27/2020 13:56	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	05/27/2020 09:00	05/27/2020 13:56	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.1 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*90.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.0 %*	*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	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP14_eI56 **York Sample ID:** 20E0765-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0765	170384501	Soil	May 26, 2020 9:00 am	05/26/2020

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	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.183	0.367	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND	CCV-L	mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.183	0.367	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP14_eI56 **York Sample ID:** 20E0765-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0765	170384501	Soil	May 26, 2020 9:00 am	05/26/2020

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	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCV-L	mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP14_eI56 **York Sample ID:** 20E0765-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0765	170384501	Soil	May 26, 2020 9:00 am	05/26/2020

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	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND	CCV-L	mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.183	0.367	2	EPA 8270D	05/29/2020 14:27	06/01/2020 14:13	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*	*54.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*60.3 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*64.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*106 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*88.2 %*	*24-116*

Sample Information

Client Sample ID: EP14_eI56 **York Sample ID:** 20E0765-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0765	170384501	Soil	May 26, 2020 9:00 am	05/26/2020

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	05/29/2020 07:43	06/01/2020 15:33	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00182	5	EPA 8081B	05/29/2020 07:43	06/01/2020 15:33	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00182	5	EPA 8081B	05/29/2020 07:43	06/01/2020 15:33	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	05/29/2020 07:43	06/01/2020 15:33	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	05/29/2020 07:43	06/01/2020 15:33	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B	05/29/2020 07:43	06/01/2020 15:33	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	05/29/2020 07:43	06/01/2020 15:33	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0363	5	EPA 8081B	05/29/2020 07:43	06/01/2020 15:33	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	05/29/2020 07:43	06/01/2020 15:33	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	05/29/2020 07:43	06/01/2020 15:33	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00182	5	EPA 8081B	05/29/2020 07:43	06/01/2020 15:33	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00182	5	EPA 8081B	05/29/2020 07:43	06/01/2020 15:33	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00182	5	EPA 8081B	05/29/2020 07:43	06/01/2020 15:33	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00182	5	EPA 8081B	05/29/2020 07:43	06/01/2020 15:33	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00182	5	EPA 8081B	05/29/2020 07:43	06/01/2020 15:33	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00182	5	EPA 8081B	05/29/2020 07:43	06/01/2020 15:33	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00182	5	EPA 8081B	05/29/2020 07:43	06/01/2020 15:33	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B	05/29/2020 07:43	06/01/2020 15:33	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00182	5	EPA 8081B	05/29/2020 07:43	06/01/2020 15:33	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00182	5	EPA 8081B	05/29/2020 07:43	06/01/2020 15:33	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00909	5	EPA 8081B	05/29/2020 07:43	06/01/2020 15:33	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP14_eI56 **York Sample ID:** 20E0765-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0765	170384501	Soil	May 26, 2020 9:00 am	05/26/2020

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
8001-35-2	Toxaphene	ND		mg/kg dry	0.0920	5	EPA 8081B	05/29/2020 07:43	06/01/2020 15:33	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*80.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*84.6 %*	*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**	**12400**	B	mg/kg dry	5.52	1	EPA 6010D	05/27/2020 07:35	05/28/2020 13:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.76	1	EPA 6010D	05/27/2020 07:35	05/28/2020 13:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.66	1	EPA 6010D	05/27/2020 07:35	05/28/2020 13:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**60.7**		mg/kg dry	2.76	1	EPA 6010D	05/27/2020 07:35	05/28/2020 13:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.055	1	EPA 6010D	05/27/2020 07:35	05/28/2020 13:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.331	1	EPA 6010D	05/27/2020 07:35	05/28/2020 13:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**3450**		mg/kg dry	5.52	1	EPA 6010D	05/27/2020 07:35	05/28/2020 13:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**37.8**		mg/kg dry	0.552	1	EPA 6010D	05/27/2020 07:35	05/28/2020 13:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**13.3**		mg/kg dry	0.442	1	EPA 6010D	05/27/2020 07:35	05/28/2020 13:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**28.9**		mg/kg dry	2.21	1	EPA 6010D	05/27/2020 07:35	05/28/2020 13:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**21100**		mg/kg dry	27.6	1	EPA 6010D	05/27/2020 07:35	05/28/2020 13:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**13.3**		mg/kg dry	0.552	1	EPA 6010D	05/27/2020 07:35	05/28/2020 13:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**9390**		mg/kg dry	5.52	1	EPA 6010D	05/27/2020 07:35	05/28/2020 13:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**454**		mg/kg dry	0.552	1	EPA 6010D	05/27/2020 07:35	05/28/2020 13:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**64.8**		mg/kg dry	1.10	1	EPA 6010D	05/27/2020 07:35	05/28/2020 13:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**5590**		mg/kg dry	5.52	1	EPA 6010D	05/27/2020 07:35	05/28/2020 13:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP14_eI56 **York Sample ID:** 20E0765-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0765	170384501	Soil	May 26, 2020 9:00 am	05/26/2020

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
7782-49-2	Selenium	ND		mg/kg dry	2.76	1	EPA 6010D	05/27/2020 07:35	05/28/2020 13:33	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.552	1	EPA 6010D	05/27/2020 07:35	05/28/2020 13:33	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**388**		mg/kg dry	55.2	1	EPA 6010D	05/27/2020 07:35	05/28/2020 13:33	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.76	1	EPA 6010D	05/27/2020 07:35	05/28/2020 13:33	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**60.1**		mg/kg dry	1.10	1	EPA 6010D	05/27/2020 07:35	05/28/2020 13:33	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**62.0**		mg/kg dry	2.76	1	EPA 6010D	05/27/2020 07:35	05/28/2020 13:33	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	ND		mg/kg dry	0.0331	1	EPA 7473	05/27/2020 12:28	05/27/2020 14:58	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	0.552	1	EPA 7196A	05/27/2020 09:13	05/27/2020 14:29	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**	**37.8**		mg/kg	0.500	1	Calculation	05/29/2020 11:34	05/29/2020 11:34	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	0.552	1	EPA 9014/9010C	05/27/2020 08:54	05/27/2020 14:35	JAG
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

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

Sample Information

Client Sample ID: EP14_eI56 **York Sample ID:** 20E0765-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20E0765	170384501	Soil	May 26, 2020 9:00 am	05/26/2020

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	05/27/2020 08:51	05/27/2020 11:37	TJM
							Certifications: CTDOH			

Analytical Batch Summary

Batch ID: BE01066 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20E0765-02	EP12_eI55	05/27/20
20E0765-03	EP14_eI56	05/27/20
BE01066-BLK1	Blank	05/27/20
BE01066-SRM1	Reference	05/27/20

Batch ID: BE01073 **Preparation Method:** % Solids Prep **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
20E0765-02	EP12_eI55	05/27/20
20E0765-03	EP14_eI56	05/27/20
BE01073-DUP1	Duplicate	05/27/20

Batch ID: BE01075 **Preparation Method:** Analysis Preparation Soil **Prepared By:** JAG

YORK Sample ID	Client Sample ID	Preparation Date
20E0765-02	EP12_eI55	05/27/20
20E0765-03	EP14_eI56	05/27/20
BE01075-BLK1	Blank	05/27/20
BE01075-SRM1	Reference	05/27/20

Batch ID: BE01084 **Preparation Method:** EPA SW846-3060 **Prepared By:** STN

YORK Sample ID	Client Sample ID	Preparation Date
20E0765-02	EP12_eI55	05/27/20
20E0765-03	EP14_eI56	05/27/20
BE01084-BLK1	Blank	05/27/20
BE01084-SRM1	Reference	05/27/20

Batch ID: BE01087 **Preparation Method:** EPA 5035A **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
20E0765-02	EP12_eI55	05/27/20
20E0765-03	EP14_eI56	05/27/20
BE01087-BLK1	Blank	05/27/20
BE01087-BLK2	Blank	05/27/20
BE01087-BLK3	Blank	05/27/20
BE01087-BS1	LCS	05/27/20
BE01087-BSD1	LCS Dup	05/27/20

Batch ID: BE01090 **Preparation Method:** EPA 5030B **Prepared By:** CLS2

YORK Sample ID	Client Sample ID	Preparation Date

20E0765-01	TB04_052620	05/27/20
BE01090-BLK1	Blank	05/27/20
BE01090-BS1	LCS	05/27/20
BE01090-BSD1	LCS Dup	05/27/20

Batch ID: BE01104 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20E0765-02	EP12_eI55	05/27/20
20E0765-03	EP14_eI56	05/27/20
BE01104-BLK1	Blank	05/27/20
BE01104-SRM1	Reference	05/27/20

Batch ID: BE01184 **Preparation Method:** EPA 3550C **Prepared By:** LJ

YORK Sample ID	Client Sample ID	Preparation Date
20E0765-02	EP12_eI55	05/28/20
BE01184-BLK1	Blank	05/28/20
BE01184-BS1	LCS	05/28/20

Batch ID: BE01210 **Preparation Method:** EPA 3550C **Prepared By:** PD

YORK Sample ID	Client Sample ID	Preparation Date
20E0765-02	EP12_eI55	05/29/20
20E0765-03	EP14_eI56	05/29/20
BE01210-BLK1	Blank	05/29/20
BE01210-BS1	LCS	05/29/20

Batch ID: BE01240 **Preparation Method:** Analysis Preparation **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
20E0765-02	EP12_eI55	05/29/20
20E0765-03	EP14_eI56	05/29/20

Batch ID: BE01249 **Preparation Method:** EPA 3550C **Prepared By:** LJ

YORK Sample ID	Client Sample ID	Preparation Date
20E0765-03	EP14_eI56	05/29/20
BE01249-BLK1	Blank	05/29/20
BE01249-BS1	LCS	05/29/20

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

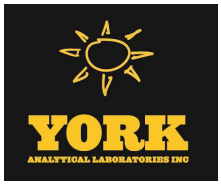
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE01087 - EPA 5035A											
Blank (BE01087-BLK1) Blank									Prepared & Analyzed: 05/27/2020		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
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 BE01087 - EPA 5035A											
Blank (BE01087-BLK1) Blank									Prepared & Analyzed: 05/27/2020		
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	*47.1*		*ug/L*	*50.0*		*94.1*	*77-125*				
Surrogate: SURR: Toluene-d8	*45.9*		*"*	*50.0*		*91.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.3*		*"*	*50.0*		*98.6*	*76-130*				
Blank (BE01087-BLK2) Blank									Prepared & Analyzed: 05/27/2020		
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 BE01087 - EPA 5035A											
Blank (BE01087-BLK2) Blank									Prepared & Analyzed: 05/27/2020		
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	*48.3*		*ug/L*	*50.0*		*96.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*45.2*		*"*	*50.0*		*90.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.3*		*"*	*50.0*		*96.7*	*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 BE01087 - EPA 5035A											
Blank (BE01087-BLK3) HOLDING BLANK - 20E0680									Prepared & Analyzed: 05/27/2020		
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	0.012	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	0.012	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 BE01087 - EPA 5035A											
Blank (BE01087-BLK3) HOLDING BLANK - 20E0680								Prepared & Analyzed: 05/27/2020			
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	*46.7*		*ug/L*	*50.0*		*93.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*44.4*		*"*	*50.0*		*88.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.2*		*"*	*50.0*		*96.4*	*76-130*				
LCS (BE01087-BS1) LCS								Prepared & Analyzed: 05/27/2020			
1,1,1,2-Tetrachloroethane	43.9		ug/L	50.0		87.8	75-129				
1,1,1-Trichloroethane	50.8		"	50.0		102	71-137				
1,1,2,2-Tetrachloroethane	41.7		"	50.0		83.4	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	61.0		"	50.0		122	58-146				
1,1,2-Trichloroethane	43.4		"	50.0		86.8	83-123				
1,1-Dichloroethane	49.8		"	50.0		99.5	75-130				
1,1-Dichloroethylene	54.2		"	50.0		108	64-137				
1,2,3-Trichlorobenzene	40.8		"	50.0		81.5	81-140				
1,2,3-Trichloropropane	39.9		"	50.0		79.8	81-126	Low Bias			
1,2,4-Trichlorobenzene	41.5		"	50.0		83.1	80-141				
1,2,4-Trimethylbenzene	43.1		"	50.0		86.1	84-125				
1,2-Dibromo-3-chloropropane	36.3		"	50.0		72.6	74-142	Low Bias			
1,2-Dibromoethane	44.9		"	50.0		89.9	86-123				
1,2-Dichlorobenzene	40.8		"	50.0		81.7	85-122	Low Bias			
1,2-Dichloroethane	48.9		"	50.0		97.7	71-133				
1,2-Dichloropropane	43.6		"	50.0		87.3	81-122				
1,3,5-Trimethylbenzene	42.6		"	50.0		85.2	82-126				
1,3-Dichlorobenzene	40.3		"	50.0		80.6	84-124	Low Bias			
1,4-Dichlorobenzene	40.9		"	50.0		81.7	84-124	Low Bias			
1,4-Dioxane	1050		"	1050		99.8	10-228				
2-Butanone	53.5		"	50.0		107	58-147				
2-Hexanone	40.0		"	50.0		80.1	70-139				
4-Methyl-2-pentanone	44.2		"	50.0		88.3	72-132				
Acetone	34.5		"	50.0		69.0	36-155				
Acrolein	48.9		"	50.0		97.7	10-238				
Acrylonitrile	52.6		"	50.0		105	66-141				
Benzene	54.3		"	50.0		109	77-127				
Bromochloromethane	52.5		"	50.0		105	74-129				
Bromodichloromethane	43.2		"	50.0		86.3	81-124				
Bromoform	40.8		"	50.0		81.5	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 BE01087 - EPA 5035A											
LCS (BE01087-BS1) LCS							Prepared & Analyzed: 05/27/2020				
Bromomethane	43.8		ug/L	50.0		87.7	32-177				
Carbon disulfide	57.3		"	50.0		115	10-136				
Carbon tetrachloride	49.8		"	50.0		99.5	66-143				
Chlorobenzene	45.0		"	50.0		89.9	86-120				
Chloroethane	52.1		"	50.0		104	51-142				
Chloroform	50.7		"	50.0		101	76-131				
Chloromethane	53.8		"	50.0		108	49-132				
cis-1,2-Dichloroethylene	52.0		"	50.0		104	74-132				
cis-1,3-Dichloropropylene	45.4		"	50.0		90.8	81-129				
Cyclohexane	53.8		"	50.0		108	70-130				
Dibromochloromethane	42.3		"	50.0		84.6	10-200				
Dibromomethane	43.3		"	50.0		86.5	83-124				
Dichlorodifluoromethane	53.5		"	50.0		107	28-158				
Ethyl Benzene	46.7		"	50.0		93.4	84-125				
Hexachlorobutadiene	40.6		"	50.0		81.3	83-133	Low Bias			
Isopropylbenzene	42.3		"	50.0		84.7	81-127				
Methyl acetate	45.0		"	50.0		90.0	41-143				
Methyl tert-butyl ether (MTBE)	52.4		"	50.0		105	74-131				
Methylcyclohexane	45.5		"	50.0		90.9	70-130				
Methylene chloride	58.6		"	50.0		117	57-141				
n-Butylbenzene	40.4		"	50.0		80.8	80-130				
n-Propylbenzene	42.3		"	50.0		84.5	74-136				
o-Xylene	46.2		"	50.0		92.4	83-123				
p- & m- Xylenes	94.8		"	100		94.8	82-128				
p-Isopropyltoluene	44.1		"	50.0		88.2	85-125				
sec-Butylbenzene	45.1		"	50.0		90.3	83-125				
Styrene	47.0		"	50.0		94.0	86-126				
tert-Butyl alcohol (TBA)	229		"	250		91.7	70-130				
tert-Butylbenzene	41.7		"	50.0		83.4	80-127				
Tetrachloroethylene	41.9		"	50.0		83.8	80-129				
Toluene	46.2		"	50.0		92.3	85-121				
trans-1,2-Dichloroethylene	55.6		"	50.0		111	72-132				
trans-1,3-Dichloropropylene	41.3		"	50.0		82.6	78-132				
Trichloroethylene	44.6		"	50.0		89.1	84-123				
Trichlorofluoromethane	45.5		"	50.0		90.9	62-140				
Vinyl Chloride	54.2		"	50.0		108	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*46.8*		*"*	*50.0*		*93.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.6*		*"*	*50.0*		*93.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.8*		*"*	*50.0*		*95.7*	*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 BE01087 - EPA 5035A											
LCS Dup (BE01087-BSD1) LCS Dup							Prepared & Analyzed: 05/27/2020				
1,1,1,2-Tetrachloroethane	48.1		ug/L	50.0		96.2	75-129		9.17	30	
1,1,1-Trichloroethane	56.3		"	50.0		113	71-137		10.3	30	
1,1,2,2-Tetrachloroethane	46.6		"	50.0		93.2	79-129		11.2	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	58.4		"	50.0		117	58-146		4.44	30	
1,1,2-Trichloroethane	47.3		"	50.0		94.5	83-123		8.56	30	
1,1-Dichloroethane	55.3		"	50.0		111	75-130		10.6	30	
1,1-Dichloroethylene	52.9		"	50.0		106	64-137		2.50	30	
1,2,3-Trichlorobenzene	45.3		"	50.0		90.7	81-140		10.6	30	
1,2,3-Trichloropropane	43.6		"	50.0		87.1	81-126		8.84	30	
1,2,4-Trichlorobenzene	46.5		"	50.0		93.0	80-141		11.3	30	
1,2,4-Trimethylbenzene	47.3		"	50.0		94.7	84-125		9.47	30	
1,2-Dibromo-3-chloropropane	40.0		"	50.0		80.0	74-142		9.75	30	
1,2-Dibromoethane	49.0		"	50.0		98.0	86-123		8.66	30	
1,2-Dichlorobenzene	45.2		"	50.0		90.3	85-122		10.0	30	
1,2-Dichloroethane	52.9		"	50.0		106	71-133		7.88	30	
1,2-Dichloropropane	47.8		"	50.0		95.6	81-122		9.12	30	
1,3,5-Trimethylbenzene	47.0		"	50.0		94.1	82-126		9.88	30	
1,3-Dichlorobenzene	44.6		"	50.0		89.3	84-124		10.2	30	
1,4-Dichlorobenzene	45.1		"	50.0		90.3	84-124		9.91	30	
1,4-Dioxane	1110		"	1050		106	10-228		5.70	30	
2-Butanone	56.0		"	50.0		112	58-147		4.53	30	
2-Hexanone	44.0		"	50.0		87.9	70-139		9.34	30	
4-Methyl-2-pentanone	48.4		"	50.0		96.7	72-132		9.06	30	
Acetone	27.0		"	50.0		53.9	36-155		24.5	30	
Acrolein	42.2		"	50.0		84.5	10-238		14.5	30	
Acrylonitrile	57.4		"	50.0		115	66-141		8.73	30	
Benzene	60.1		"	50.0		120	77-127		10.1	30	
Bromochloromethane	57.8		"	50.0		116	74-129		9.55	30	
Bromodichloromethane	47.1		"	50.0		94.3	81-124		8.77	30	
Bromoform	44.2		"	50.0		88.5	80-136		8.14	30	
Bromomethane	49.4		"	50.0		98.8	32-177		11.9	30	
Carbon disulfide	42.6		"	50.0		85.1	10-136		29.6	30	
Carbon tetrachloride	55.1		"	50.0		110	66-143		10.2	30	
Chlorobenzene	49.2		"	50.0		98.4	86-120		8.96	30	
Chloroethane	52.6		"	50.0		105	51-142		0.936	30	
Chloroform	55.9		"	50.0		112	76-131		9.80	30	
Chloromethane	59.4		"	50.0		119	49-132		9.79	30	
cis-1,2-Dichloroethylene	58.1		"	50.0		116	74-132		11.1	30	
cis-1,3-Dichloropropylene	49.9		"	50.0		99.9	81-129		9.57	30	
Cyclohexane	58.8		"	50.0		118	70-130		8.85	30	
Dibromochloromethane	45.8		"	50.0		91.6	10-200		7.99	30	
Dibromomethane	46.9		"	50.0		93.8	83-124		8.10	30	
Dichlorodifluoromethane	58.6		"	50.0		117	28-158		9.10	30	
Ethyl Benzene	51.1		"	50.0		102	84-125		9.04	30	
Hexachlorobutadiene	45.2		"	50.0		90.3	83-133		10.6	30	
Isopropylbenzene	46.6		"	50.0		93.3	81-127		9.71	30	
Methyl acetate	32.3		"	50.0		64.6	41-143		32.9	30	Non-dir.
Methyl tert-butyl ether (MTBE)	57.6		"	50.0		115	74-131		9.38	30	
Methylcyclohexane	49.9		"	50.0		99.8	70-130		9.25	30	
Methylene chloride	43.2		"	50.0		86.5	57-141		30.1	30	Non-dir.
n-Butylbenzene	41.4		"	50.0		82.9	80-130		2.52	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 BE01087 - EPA 5035A											
LCS Dup (BE01087-BSD1) LCS Dup								Prepared & Analyzed: 05/27/2020			
n-Propylbenzene	46.6		ug/L	50.0		93.1	74-136		9.68	30	
o-Xylene	50.9		"	50.0		102	83-123		9.62	30	
p- & m- Xylenes	103		"	100		103	82-128		8.76	30	
p-Isopropyltoluene	49.0		"	50.0		97.9	85-125		10.4	30	
sec-Butylbenzene	49.9		"	50.0		99.8	83-125		10.0	30	
Styrene	51.9		"	50.0		104	86-126		9.97	30	
tert-Butyl alcohol (TBA)	220		"	250		87.8	70-130		4.28	30	
tert-Butylbenzene	46.3		"	50.0		92.6	80-127		10.5	30	
Tetrachloroethylene	45.8		"	50.0		91.5	80-129		8.88	30	
Toluene	50.4		"	50.0		101	85-121		8.86	30	
trans-1,2-Dichloroethylene	61.8		"	50.0		124	72-132		10.6	30	
trans-1,3-Dichloropropylene	44.9		"	50.0		89.8	78-132		8.37	30	
Trichloroethylene	48.9		"	50.0		97.9	84-123		9.37	30	
Trichlorofluoromethane	51.0		"	50.0		102	62-140		11.4	30	
Vinyl Chloride	62.4		"	50.0		125	52-130		14.1	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*46.5*		*"*	*50.0*		*93.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.3*		*"*	*50.0*		*92.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.0*		*"*	*50.0*		*95.9*	*76-130*				
Batch BE01090 - EPA 5030B											
Blank (BE01090-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	"								

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 BE01090 - EPA 5030B											
Blank (BE01090-BLK1) Blank									Prepared: 05/27/2020 Analyzed: 05/28/2020		
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	ND	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	*9.31*		*"*	*10.0*		*93.1*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.8*		*"*	*10.0*		*108*	*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 BE01090 - EPA 5030B											
LCS (BE01090-BS1) LCS								Prepared: 05/27/2020 Analyzed: 05/28/2020			
1,1,1,2-Tetrachloroethane	8.44		ug/L	10.0		84.4	82-126				
1,1,1-Trichloroethane	8.91		"	10.0		89.1	78-136				
1,1,2,2-Tetrachloroethane	8.63		"	10.0		86.3	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.70		"	10.0		97.0	54-165				
1,1,2-Trichloroethane	8.43		"	10.0		84.3	82-123				
1,1-Dichloroethane	8.45		"	10.0		84.5	82-129				
1,1-Dichloroethylene	9.49		"	10.0		94.9	68-138				
1,2,3-Trichlorobenzene	7.98		"	10.0		79.8	76-136				
1,2,3-Trichloropropane	7.93		"	10.0		79.3	77-128				
1,2,4-Trichlorobenzene	8.38		"	10.0		83.8	76-137				
1,2,4-Trimethylbenzene	8.68		"	10.0		86.8	82-132				
1,2-Dibromo-3-chloropropane	8.90		"	10.0		89.0	45-147				
1,2-Dibromoethane	8.16		"	10.0		81.6	83-124	Low Bias			
1,2-Dichlorobenzene	8.71		"	10.0		87.1	79-123				
1,2-Dichloroethane	8.24		"	10.0		82.4	73-132				
1,2-Dichloropropane	9.09		"	10.0		90.9	78-126				
1,3,5-Trimethylbenzene	9.07		"	10.0		90.7	80-131				
1,3-Dichlorobenzene	8.70		"	10.0		87.0	86-122				
1,4-Dichlorobenzene	8.16		"	10.0		81.6	85-124	Low Bias			
1,4-Dioxane	8.57		"	210		4.08	10-349	Low Bias			
2-Butanone	7.88		"	10.0		78.8	49-152				
2-Hexanone	8.17		"	10.0		81.7	51-146				
4-Methyl-2-pentanone	8.71		"	10.0		87.1	57-145				
Acetone	7.44		"	10.0		74.4	14-150				
Acrolein	6.89		"	10.0		68.9	10-153				
Acrylonitrile	7.58		"	10.0		75.8	51-150				
Benzene	9.06		"	10.0		90.6	85-126				
Bromochloromethane	8.55		"	10.0		85.5	77-128				
Bromodichloromethane	8.90		"	10.0		89.0	79-128				
Bromoform	8.02		"	10.0		80.2	78-133				
Bromomethane	9.11		"	10.0		91.1	43-168				
Carbon disulfide	9.48		"	10.0		94.8	68-146				
Carbon tetrachloride	8.50		"	10.0		85.0	77-141				
Chlorobenzene	8.60		"	10.0		86.0	88-120	Low Bias			
Chloroethane	12.3		"	10.0		123	65-136				
Chloroform	8.44		"	10.0		84.4	82-128				
Chloromethane	12.6		"	10.0		126	43-155				
cis-1,2-Dichloroethylene	8.44		"	10.0		84.4	83-129				
cis-1,3-Dichloropropylene	8.87		"	10.0		88.7	80-131				
Cyclohexane	9.71		"	10.0		97.1	63-149				
Dibromochloromethane	8.88		"	10.0		88.8	80-130				
Dibromomethane	8.93		"	10.0		89.3	72-134				
Dichlorodifluoromethane	13.2		"	10.0		132	44-144				
Ethyl Benzene	8.88		"	10.0		88.8	80-131				
Hexachlorobutadiene	8.58		"	10.0		85.8	67-146				
Isopropylbenzene	8.48		"	10.0		84.8	76-140				
Methyl acetate	7.86		"	10.0		78.6	51-139				
Methyl tert-butyl ether (MTBE)	8.70		"	10.0		87.0	76-135				
Methylcyclohexane	10.1		"	10.0		101	72-143				
Methylene chloride	10.1		"	10.0		101	55-137				
n-Butylbenzene	6.64		"	10.0		66.4	79-132	Low Bias			

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 BE01090 - EPA 5030B											
LCS (BE01090-BS1) LCS								Prepared: 05/27/2020 Analyzed: 05/28/2020			
n-Propylbenzene	8.90		ug/L	10.0		89.0	78-133				
o-Xylene	8.76		"	10.0		87.6	78-130				
p- & m- Xylenes	17.4		"	20.0		87.1	77-133				
p-Isopropyltoluene	9.08		"	10.0		90.8	81-136				
sec-Butylbenzene	9.63		"	10.0		96.3	79-137				
Styrene	8.43		"	10.0		84.3	67-132				
tert-Butyl alcohol (TBA)	44.5		"	50.0		89.1	25-162				
tert-Butylbenzene	8.88		"	10.0		88.8	77-138				
Tetrachloroethylene	7.65		"	10.0		76.5	82-131	Low Bias			
Toluene	8.72		"	10.0		87.2	80-127				
trans-1,2-Dichloroethylene	9.25		"	10.0		92.5	80-132				
trans-1,3-Dichloropropylene	7.97		"	10.0		79.7	78-131				
Trichloroethylene	8.97		"	10.0		89.7	82-128				
Trichlorofluoromethane	10.1		"	10.0		101	67-139				
Vinyl Chloride	11.2		"	10.0		112	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.53*		*"*	*10.0*		*95.3*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*79-122*				
LCS Dup (BE01090-BSD1) LCS Dup								Prepared: 05/27/2020 Analyzed: 05/28/2020			
1,1,1,2-Tetrachloroethane	8.30		ug/L	10.0		83.0	82-126		1.67	30	
1,1,1-Trichloroethane	8.75		"	10.0		87.5	78-136		1.81	30	
1,1,2,2-Tetrachloroethane	9.00		"	10.0		90.0	76-129		4.20	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.78		"	10.0		97.8	54-165		0.821	30	
1,1,2-Trichloroethane	8.95		"	10.0		89.5	82-123		5.98	30	
1,1-Dichloroethane	8.56		"	10.0		85.6	82-129		1.29	30	
1,1-Dichloroethylene	9.32		"	10.0		93.2	68-138		1.81	30	
1,2,3-Trichlorobenzene	6.17		"	10.0		61.7	76-136	Low Bias	25.6	30	
1,2,3-Trichloropropane	8.37		"	10.0		83.7	77-128		5.40	30	
1,2,4-Trichlorobenzene	8.91		"	10.0		89.1	76-137		6.13	30	
1,2,4-Trimethylbenzene	8.40		"	10.0		84.0	82-132		3.28	30	
1,2-Dibromo-3-chloropropane	8.60		"	10.0		86.0	45-147		3.43	30	
1,2-Dibromoethane	9.05		"	10.0		90.5	83-124		10.3	30	
1,2-Dichlorobenzene	8.70		"	10.0		87.0	79-123		0.115	30	
1,2-Dichloroethane	8.77		"	10.0		87.7	73-132		6.23	30	
1,2-Dichloropropane	9.24		"	10.0		92.4	78-126		1.64	30	
1,3,5-Trimethylbenzene	8.67		"	10.0		86.7	80-131		4.51	30	
1,3-Dichlorobenzene	8.09		"	10.0		80.9	86-122	Low Bias	7.27	30	
1,4-Dichlorobenzene	8.32		"	10.0		83.2	85-124	Low Bias	1.94	30	
1,4-Dioxane	9.21		"	210		4.39	10-349	Low Bias	7.20	30	
2-Butanone	9.07		"	10.0		90.7	49-152		14.0	30	
2-Hexanone	8.41		"	10.0		84.1	51-146		2.90	30	
4-Methyl-2-pentanone	9.09		"	10.0		90.9	57-145		4.27	30	
Acetone	9.09		"	10.0		90.9	14-150		20.0	30	
Acrolein	8.61		"	10.0		86.1	10-153		22.2	30	
Acrylonitrile	9.23		"	10.0		92.3	51-150		19.6	30	
Benzene	9.23		"	10.0		92.3	85-126		1.86	30	
Bromochloromethane	8.89		"	10.0		88.9	77-128		3.90	30	
Bromodichloromethane	9.15		"	10.0		91.5	79-128		2.77	30	
Bromoform	9.07		"	10.0		90.7	78-133		12.3	30	
Bromomethane	9.58		"	10.0		95.8	43-168		5.03	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE01090 - EPA 5030B											
LCS Dup (BE01090-BSD1) LCS Dup								Prepared: 05/27/2020 Analyzed: 05/28/2020			
Carbon disulfide	9.21		ug/L	10.0		92.1	68-146		2.89	30	
Carbon tetrachloride	8.48		"	10.0		84.8	77-141		0.236	30	
Chlorobenzene	8.66		"	10.0		86.6	88-120	Low Bias	0.695	30	
Chloroethane	11.9		"	10.0		119	65-136		3.15	30	
Chloroform	8.77		"	10.0		87.7	82-128		3.83	30	
Chloromethane	12.2		"	10.0		122	43-155		3.62	30	
cis-1,2-Dichloroethylene	8.72		"	10.0		87.2	83-129		3.26	30	
cis-1,3-Dichloropropylene	8.80		"	10.0		88.0	80-131		0.792	30	
Cyclohexane	9.68		"	10.0		96.8	63-149		0.309	30	
Dibromochloromethane	9.36		"	10.0		93.6	80-130		5.26	30	
Dibromomethane	9.29		"	10.0		92.9	72-134		3.95	30	
Dichlorodifluoromethane	13.2		"	10.0		132	44-144		0.228	30	
Ethyl Benzene	8.66		"	10.0		86.6	80-131		2.51	30	
Hexachlorobutadiene	8.23		"	10.0		82.3	67-146		4.16	30	
Isopropylbenzene	8.08		"	10.0		80.8	76-140		4.83	30	
Methyl acetate	8.98		"	10.0		89.8	51-139		13.3	30	
Methyl tert-butyl ether (MTBE)	9.61		"	10.0		96.1	76-135		9.94	30	
Methylcyclohexane	9.84		"	10.0		98.4	72-143		2.90	30	
Methylene chloride	10.3		"	10.0		103	55-137		2.45	30	
n-Butylbenzene	7.69		"	10.0		76.9	79-132	Low Bias	14.7	30	
n-Propylbenzene	8.53		"	10.0		85.3	78-133		4.25	30	
o-Xylene	8.69		"	10.0		86.9	78-130		0.802	30	
p- & m- Xylenes	17.2		"	20.0		85.8	77-133		1.56	30	
p-Isopropyltoluene	8.71		"	10.0		87.1	81-136		4.16	30	
sec-Butylbenzene	9.38		"	10.0		93.8	79-137		2.63	30	
Styrene	8.47		"	10.0		84.7	67-132		0.473	30	
tert-Butyl alcohol (TBA)	52.2		"	50.0		104	25-162		15.9	30	
tert-Butylbenzene	8.60		"	10.0		86.0	77-138		3.20	30	
Tetrachloroethylene	7.35		"	10.0		73.5	82-131	Low Bias	4.00	30	
Toluene	8.47		"	10.0		84.7	80-127		2.91	30	
trans-1,2-Dichloroethylene	9.14		"	10.0		91.4	80-132		1.20	30	
trans-1,3-Dichloropropylene	8.31		"	10.0		83.1	78-131		4.18	30	
Trichloroethylene	8.65		"	10.0		86.5	82-128		3.63	30	
Trichlorofluoromethane	9.55		"	10.0		95.5	67-139		5.89	30	
Vinyl Chloride	11.0		"	10.0		110	58-145		2.34	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.97*		*"*	*10.0*		*99.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.87*		*"*	*10.0*		*98.7*	*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 BE01184 - EPA 3550C											
Blank (BE01184-BLK1) Blank											
Prepared: 05/28/2020 Analyzed: 05/29/2020											
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 BE01184 - EPA 3550C											
Blank (BE01184-BLK1) Blank									Prepared: 05/28/2020 Analyzed: 05/29/2020		
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	*1.05*		"	*1.66*		*63.2*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.13*		"	*1.66*		*68.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.725*		"	*0.831*		*87.3*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.536*		"	*0.831*		*64.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.20*		"	*1.66*		*72.2*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.701*		"	*0.831*		*84.4*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BE01184 - EPA 3550C

LCS (BE01184-BS1) LCS — Prepared: 05/28/2020 Analyzed: 05/29/2020

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.650	0.0416	mg/kg wet	0.831		78.3	18-111				
1,2,4,5-Tetrachlorobenzene	0.729	0.0830	"	0.831		87.8	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.796	0.0416	"	0.831		95.8	17-137				
2,3,4,6-Tetrachlorophenol	0.802	0.0830	"	0.831		96.5	30-130				
2,4,5-Trichlorophenol	0.549	0.0416	"	0.831		66.1	27-118				
2,4,6-Trichlorophenol	0.619	0.0416	"	0.831		74.5	31-120				
2,4-Dichlorophenol	0.635	0.0416	"	0.831		76.5	20-127				
2,4-Dimethylphenol	0.629	0.0416	"	0.831		75.7	14-132				
2,4-Dinitrophenol	0.729	0.0830	"	0.831		87.8	10-171				
2,4-Dinitrotoluene	0.764	0.0416	"	0.831		92.0	34-131				
2,6-Dinitrotoluene	0.725	0.0416	"	0.831		87.3	31-128				
2-Chloronaphthalene	0.598	0.0416	"	0.831		72.0	31-117				
2-Chlorophenol	0.598	0.0416	"	0.831		72.0	33-113				
2-Methylnaphthalene	0.670	0.0416	"	0.831		80.6	12-138				
2-Methylphenol	0.568	0.0416	"	0.831		68.4	10-136				
2-Nitroaniline	0.731	0.0830	"	0.831		88.0	27-132				
2-Nitrophenol	0.718	0.0416	"	0.831		86.4	17-129				
3- & 4-Methylphenols	0.516	0.0416	"	0.831		62.2	29-103				
3,3-Dichlorobenzidine	0.665	0.0416	"	0.831		80.1	22-149				
3-Nitroaniline	0.688	0.0830	"	0.831		82.8	20-133				
4,6-Dinitro-2-methylphenol	0.958	0.0830	"	0.831		115	10-143				
4-Bromophenyl phenyl ether	0.604	0.0416	"	0.831		72.7	29-120				
4-Chloro-3-methylphenol	0.697	0.0416	"	0.831		83.9	24-129				
4-Chloroaniline	0.525	0.0416	"	0.831		63.2	10-132				
4-Chlorophenyl phenyl ether	0.577	0.0416	"	0.831		69.4	27-124				
4-Nitroaniline	0.700	0.0830	"	0.831		84.3	16-128				
4-Nitrophenol	0.856	0.0830	"	0.831		103	10-141				
Acenaphthene	0.580	0.0416	"	0.831		69.8	30-121				
Acenaphthylene	0.538	0.0416	"	0.831		64.8	30-115				
Acetophenone	0.678	0.0416	"	0.831		81.6	20-112				
Aniline	0.615	0.166	"	0.831		74.1	10-119				
Anthracene	0.611	0.0416	"	0.831		73.5	34-118				
Atrazine	0.760	0.0416	"	0.831		91.5	26-112				
Benzaldehyde	0.649	0.0416	"	0.831		78.1	21-100				
Benzo(a)anthracene	0.645	0.0416	"	0.831		77.7	32-122				
Benzo(a)pyrene	0.654	0.0416	"	0.831		78.7	29-133				
Benzo(b)fluoranthene	0.703	0.0416	"	0.831		84.6	25-133				
Benzo(g,h,i)perylene	0.634	0.0416	"	0.831		76.4	10-143				
Benzo(k)fluoranthene	0.620	0.0416	"	0.831		74.7	25-128				
Benzoic acid	0.116	0.0416	"	0.831		14.0	10-140				
Benzyl alcohol	0.712	0.0416	"	0.831		85.7	30-115				
Benzyl butyl phthalate	0.775	0.0416	"	0.831		93.4	26-126				
Bis(2-chloroethoxy)methane	0.636	0.0416	"	0.831		76.6	19-132				
Bis(2-chloroethyl)ether	0.629	0.0416	"	0.831		75.7	19-125				
Bis(2-chloroisopropyl)ether	0.760	0.0416	"	0.831		91.6	20-135				
Bis(2-ethylhexyl)phthalate	0.793	0.0416	"	0.831		95.4	10-155				
Caprolactam	0.729	0.0830	"	0.831		87.8	10-127				
Carbazole	0.665	0.0416	"	0.831		80.0	35-123				
Chrysene	0.641	0.0416	"	0.831		77.2	32-123				
Dibenzo(a,h)anthracene	0.740	0.0416	"	0.831		89.0	10-136				
Dibenzofuran	0.618	0.0416	"	0.831		74.4	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 BE01184 - EPA 3550C											
LCS (BE01184-BS1) LCS									Prepared: 05/28/2020 Analyzed: 05/29/2020		
Diethyl phthalate	0.643	0.0416	mg/kg wet	0.831		77.4	34-116				
Dimethyl phthalate	0.623	0.0416	"	0.831		75.0	35-124				
Di-n-butyl phthalate	0.700	0.0416	"	0.831		84.2	31-116				
Di-n-octyl phthalate	0.860	0.0416	"	0.831		104	26-136				
Diphenylamine	0.747	0.0830	"	0.831		90.0	40-140				
Fluoranthene	0.618	0.0416	"	0.831		74.4	33-122				
Fluorene	0.579	0.0416	"	0.831		69.8	29-123				
Hexachlorobenzene	0.743	0.0416	"	0.831		89.4	21-124				
Hexachlorobutadiene	0.606	0.0416	"	0.831		73.0	10-149				
Hexachlorocyclopentadiene	0.441	0.0416	"	0.831		53.1	10-129				
Hexachloroethane	0.632	0.0416	"	0.831		76.0	28-108				
Indeno(1,2,3-cd)pyrene	0.724	0.0416	"	0.831		87.1	10-135				
Isophorone	0.724	0.0416	"	0.831		87.2	20-132				
Naphthalene	0.604	0.0416	"	0.831		72.8	23-124				
Nitrobenzene	0.768	0.0416	"	0.831		92.4	13-132				
N-Nitrosodimethylamine	0.659	0.0416	"	0.831		79.4	11-129				
N-nitroso-di-n-propylamine	0.699	0.0416	"	0.831		84.1	24-119				
N-Nitrosodiphenylamine	0.775	0.0416	"	0.831		93.4	22-152				
Pentachlorophenol	0.454	0.0416	"	0.831		54.7	10-139				
Phenanthrene	0.618	0.0416	"	0.831		74.4	33-123				
Phenol	0.692	0.0416	"	0.831		83.3	23-115				
Pyrene	0.655	0.0416	"	0.831		78.9	32-130				
Pyridine	0.658	0.166	"	0.831		79.2	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.27*		"	*1.66*		*76.7*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.31*		"	*1.66*		*78.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.811*		"	*0.831*		*97.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.593*		"	*0.831*		*71.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.37*		"	*1.66*		*82.3*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.758*		"	*0.831*		*91.3*	*24-116*				

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

Batch BE01249 - EPA 3550C

Blank (BE01249-BLK1) Blank — Prepared: 05/29/2020 Analyzed: 06/01/2020

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 BE01249 - EPA 3550C											
Blank (BE01249-BLK1) Blank									Prepared: 05/29/2020 Analyzed: 06/01/2020		
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	*1.09*		"	*1.66*		*65.7*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.08*		"	*1.66*		*65.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.608*		"	*0.831*		*73.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.630*		"	*0.831*		*75.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.99*		"	*1.66*		*120*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.852*		"	*0.831*		*103*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BE01249 - EPA 3550C

LCS (BE01249-BS1) LCS — Prepared: 05/29/2020 Analyzed: 06/01/2020

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.635	0.0416	mg/kg wet	0.831		76.5	18-111				
1,2,4,5-Tetrachlorobenzene	0.847	0.0830	"	0.831		102	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.479	0.0416	"	0.831		57.6	17-137				
2,3,4,6-Tetrachlorophenol	0.663	0.0830	"	0.831		79.8	30-130				
2,4,5-Trichlorophenol	0.558	0.0416	"	0.831		67.2	27-118				
2,4,6-Trichlorophenol	0.650	0.0416	"	0.831		78.3	31-120				
2,4-Dichlorophenol	0.669	0.0416	"	0.831		80.6	20-127				
2,4-Dimethylphenol	0.602	0.0416	"	0.831		72.5	14-132				
2,4-Dinitrophenol	0.634	0.0830	"	0.831		76.3	10-171				
2,4-Dinitrotoluene	0.668	0.0416	"	0.831		80.4	34-131				
2,6-Dinitrotoluene	0.687	0.0416	"	0.831		82.7	31-128				
2-Chloronaphthalene	0.580	0.0416	"	0.831		69.8	31-117				
2-Chlorophenol	0.551	0.0416	"	0.831		66.4	33-113				
2-Methylnaphthalene	0.687	0.0416	"	0.831		82.7	12-138				
2-Methylphenol	0.471	0.0416	"	0.831		56.8	10-136				
2-Nitroaniline	0.632	0.0830	"	0.831		76.1	27-132				
2-Nitrophenol	0.654	0.0416	"	0.831		78.7	17-129				
3- & 4-Methylphenols	0.421	0.0416	"	0.831		50.6	29-103				
3,3-Dichlorobenzidine	0.743	0.0416	"	0.831		89.4	22-149				
3-Nitroaniline	0.589	0.0830	"	0.831		70.9	20-133				
4,6-Dinitro-2-methylphenol	0.791	0.0830	"	0.831		95.3	10-143				
4-Bromophenyl phenyl ether	0.719	0.0416	"	0.831		86.6	29-120				
4-Chloro-3-methylphenol	0.661	0.0416	"	0.831		79.6	24-129				
4-Chloroaniline	0.512	0.0416	"	0.831		61.6	10-132				
4-Chlorophenyl phenyl ether	0.639	0.0416	"	0.831		76.9	27-124				
4-Nitroaniline	0.586	0.0830	"	0.831		70.5	16-128				
4-Nitrophenol	0.547	0.0830	"	0.831		65.8	10-141				
Acenaphthene	0.634	0.0416	"	0.831		76.3	30-121				
Acenaphthylene	0.605	0.0416	"	0.831		72.9	30-115				
Acetophenone	0.551	0.0416	"	0.831		66.4	20-112				
Aniline	0.459	0.166	"	0.831		55.2	10-119				
Anthracene	0.714	0.0416	"	0.831		85.9	34-118				
Atrazine	0.790	0.0416	"	0.831		95.1	26-112				
Benzaldehyde	0.593	0.0416	"	0.831		71.4	21-100				
Benzo(a)anthracene	0.742	0.0416	"	0.831		89.3	32-122				
Benzo(a)pyrene	0.768	0.0416	"	0.831		92.5	29-133				
Benzo(b)fluoranthene	0.780	0.0416	"	0.831		93.9	25-133				
Benzo(g,h,i)perylene	0.779	0.0416	"	0.831		93.8	10-143				
Benzo(k)fluoranthene	0.766	0.0416	"	0.831		92.2	25-128				
Benzoic acid	0.168	0.0416	"	0.831		20.2	10-140				
Benzyl alcohol	0.575	0.0416	"	0.831		69.2	30-115				
Benzyl butyl phthalate	0.621	0.0416	"	0.831		74.8	26-126				
Bis(2-chloroethoxy)methane	0.544	0.0416	"	0.831		65.4	19-132				
Bis(2-chloroethyl)ether	0.492	0.0416	"	0.831		59.2	19-125				
Bis(2-chloroisopropyl)ether	0.451	0.0416	"	0.831		54.4	20-135				
Bis(2-ethylhexyl)phthalate	0.644	0.0416	"	0.831		77.5	10-155				
Caprolactam	0.680	0.0830	"	0.831		81.8	10-127				
Carbazole	0.636	0.0416	"	0.831		76.5	35-123				
Chrysene	0.722	0.0416	"	0.831		87.0	32-123				
Dibenzo(a,h)anthracene	0.790	0.0416	"	0.831		95.1	10-136				
Dibenzofuran	0.613	0.0416	"	0.831		73.8	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 BE01249 - EPA 3550C											
LCS (BE01249-BS1) LCS									Prepared: 05/29/2020 Analyzed: 06/01/2020		
Diethyl phthalate	0.615	0.0416	mg/kg wet	0.831		74.1	34-116				
Dimethyl phthalate	0.612	0.0416	"	0.831		73.7	35-124				
Di-n-butyl phthalate	0.633	0.0416	"	0.831		76.2	31-116				
Di-n-octyl phthalate	0.702	0.0416	"	0.831		84.5	26-136				
Diphenylamine	0.761	0.0830	"	0.831		91.6	40-140				
Fluoranthene	0.772	0.0416	"	0.831		92.9	33-122				
Fluorene	0.653	0.0416	"	0.831		78.6	29-123				
Hexachlorobenzene	0.603	0.0416	"	0.831		72.6	21-124				
Hexachlorobutadiene	0.742	0.0416	"	0.831		89.3	10-149				
Hexachlorocyclopentadiene	0.691	0.0416	"	0.831		83.2	10-129				
Hexachloroethane	0.527	0.0416	"	0.831		63.4	28-108				
Indeno(1,2,3-cd)pyrene	0.824	0.0416	"	0.831		99.2	10-135				
Isophorone	0.568	0.0416	"	0.831		68.4	20-132				
Naphthalene	0.653	0.0416	"	0.831		78.7	23-124				
Nitrobenzene	0.531	0.0416	"	0.831		63.9	13-132				
N-Nitrosodimethylamine	0.390	0.0416	"	0.831		47.0	11-129				
N-nitroso-di-n-propylamine	0.464	0.0416	"	0.831		55.8	24-119				
N-Nitrosodiphenylamine	0.752	0.0416	"	0.831		90.6	22-152				
Pentachlorophenol	0.697	0.0416	"	0.831		83.9	10-139				
Phenanthrene	0.691	0.0416	"	0.831		83.2	33-123				
Phenol	0.485	0.0416	"	0.831		58.4	23-115				
Pyrene	0.680	0.0416	"	0.831		81.9	32-130				
Pyridine	0.385	0.166	"	0.831		46.4	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.05*		"	*1.66*		*63.4*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.03*		"	*1.66*		*61.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.580*		"	*0.831*		*69.8*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.617*		"	*0.831*		*74.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.04*		"	*1.66*		*123*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.814*		"	*0.831*		*98.0*	*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 BE01210 - EPA 3550C											
Blank (BE01210-BLK1) Blank								Prepared: 05/29/2020 Analyzed: 06/01/2020			
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	"								
Chlordane, total	ND	0.0328	"								
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	0.00820	"								
Toxaphene	ND	0.0829	"								
Surrogate: Decachlorobiphenyl	*0.0633*		*"*	*0.0662*		*95.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0638*		*"*	*0.0662*		*96.3*	*30-150*				
LCS (BE01210-BS1) LCS								Prepared: 05/29/2020 Analyzed: 06/01/2020			
4,4'-DDD	0.0405	0.00164	mg/kg wet	0.0331		122	40-140				
4,4'-DDE	0.0408	0.00164	"	0.0331		123	40-140				
4,4'-DDT	0.0411	0.00164	"	0.0331		124	40-140				
Aldrin	0.0418	0.00164	"	0.0331		126	40-140				
alpha-BHC	0.0381	0.00164	"	0.0331		115	40-140				
alpha-Chlordane	0.0412	0.00164	"	0.0331		124	40-140				
beta-BHC	0.0375	0.00164	"	0.0331		113	40-140				
delta-BHC	0.0414	0.00164	"	0.0331		125	40-140				
Dieldrin	0.0413	0.00164	"	0.0331		125	40-140				
Endosulfan I	0.0420	0.00164	"	0.0331		127	40-140				
Endosulfan II	0.0414	0.00164	"	0.0331		125	40-140				
Endosulfan sulfate	0.0482	0.00164	"	0.0331		146	40-140	High Bias			
Endrin	0.0417	0.00164	"	0.0331		126	40-140				
Endrin aldehyde	0.0417	0.00164	"	0.0331		126	40-140				
Endrin ketone	0.0435	0.00164	"	0.0331		131	40-140				
gamma-BHC (Lindane)	0.0395	0.00164	"	0.0331		119	40-140				
gamma-Chlordane	0.0401	0.00164	"	0.0331		121	40-140				
Heptachlor	0.0421	0.00164	"	0.0331		127	40-140				
Heptachlor epoxide	0.0416	0.00164	"	0.0331		126	40-140				
Methoxychlor	0.0429	0.00820	"	0.0331		130	40-140				
Surrogate: Decachlorobiphenyl	*0.0671*		*"*	*0.0662*		*101*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0683*		*"*	*0.0662*		*103*	*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 Y0F0207 - BE00591											
Performance Mix (Y0F0207-P Performance Mix										Prepared & Analyzed: 06/01/2020	
4,4'-DDD	12.7		ng/mL	0.00			0-200				
4,4'-DDE	1.86		"	0.00			0-200				
4,4'-DDT	191		"	200		95.6	0-200				
Endrin	96.9		"	100		96.9	0-200				
Endrin aldehyde	1.62		"	0.00			0-200				
Endrin ketone	4.91		"	0.00			0-200				

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 BE01066 - EPA 3050B											
Blank (BE01066-BLK1) Blank									Prepared: 05/27/2020 Analyzed: 05/28/2020		
Aluminum	11.0	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 (BE01066-SRM1) Reference									Prepared: 05/27/2020 Analyzed: 05/28/2020		
Aluminum	8790	5.00	mg/kg wet	8460		104	50.5-150.1				
Antimony	60.9	2.50	"	120		50.8	19-251.7				
Arsenic	94.5	1.50	"	95.5		98.9	70.1-129.8				
Barium	315	2.50	"	300		105	75-125				
Beryllium	105	0.050	"	103		102	75-125.2				
Cadmium	143	0.300	"	135		106	74.8-125.2				
Calcium	4810	5.00	"	4720		102	72.7-127.5				
Chromium	150	0.500	"	147		102	70.1-129.9				
Cobalt	49.0	0.400	"	43.2		113	75-125				
Copper	161	2.00	"	150		107	75.3-125.3				
Iron	13500	25.0	"	14400		93.7	35.8-164.6				
Lead	91.6	0.500	"	92.3		99.3	70-130				
Magnesium	2440	5.00	"	2300		106	61.7-137.8				
Manganese	722	0.500	"	677		107	78.1-122				
Nickel	74.1	1.00	"	59.8		124	70.1-130.1				
Potassium	2120	5.00	"	2030		104	59.1-140.9				
Selenium	29.1	2.50	"	42.0		69.2	55.7-144.5				
Silver	39.4	0.500	"	40.3		97.8	69.2-130.8				
Sodium	155	50.0	"	139		112	36.1-163.3				
Thallium	84.6	2.50	"	83.1		102	65.3-146.8				
Vanadium	93.8	1.00	"	96.9		96.8	67-133.1				
Zinc	376	2.50	"	369		102	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 BE01104 - EPA 7473 soil											
Blank (BE01104-BLK1) Blank									Prepared & Analyzed: 05/27/2020		
Mercury	ND	0.0300	mg/kg wet								
Reference (BE01104-SRM1) Reference									Prepared & Analyzed: 05/27/2020		
Mercury	3.7260		mg/kg	3.71		100	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 BE01075 - Analysis Preparation Soil											
Blank (BE01075-BLK1) Blank									Prepared & Analyzed: 05/27/2020		
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BE01075-SRM1) Reference									Prepared & Analyzed: 05/27/2020		
Cyanide, total	99.8		ug/mL	96.2		104	42.41-156.96				
Batch BE01084 - EPA SW846-3060											
Blank (BE01084-BLK1) Blank									Prepared & Analyzed: 05/27/2020		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BE01084-SRM1) Reference									Prepared & Analyzed: 05/27/2020		
Chromium, Hexavalent	103		mg/L	124		83.3	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 BE01073 - % Solids Prep											
Duplicate (BE01073-DUP1) Duplicate	*Source sample: 20E0765-03 (EP14_eI56)							Prepared & Analyzed: 05/27/2020			
% Solids	90.5	0.100	%		90.5				0.0149	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20E0765-01	TB04_052620	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20E0765-02	EP12_eI55	40mL Vial with Stir Bar-Cool 4° C
20E0765-03	EP14_eI56	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
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.
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.
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. 20E0765

YOUR Information	Report To:	Invoice To:
Company: LANGAN	Company:	Company:
Address: 360 W 31 ST 8TH FLOOR, NY	Address:	Address:
Phone.: 212 479 5400	Phone.:	Phone.:
Contact: KIM SEMON	Contact:	Contact:
E-mail: KSEMON@LANGAN.COM	E-mail:	E-mail:

YOUR Project Number: 170384501

YOUR Project Name: 805-825 ATLANTIC AVENUE

YOUR PO#:

Turn-Around Time

RUSH - Next Day VOCs ONLY	X
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.

TOMAS MONTI
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	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
TBOH-052620	SO	700 5/26/20	TCL/TAL PART 375 VOCs	3 3 3 M 3
EP12-e155	S	800 5/26/20	TCL/TAL PART 375 VOCs	3 3 P 3 F 10
EP14-e156	S	900 5/26/20	TCL/TAL PART 375 SVOCs	3 1 3 1 3
			TCL/TAL PART 375 METALS	1 3 3 3 3
			PESTICIDES	2 2 1 3 30
			TCN	
			TOC / HEX CHROM	

Comments: (*) 24 HR TAT VOCs
STANDARD TAT OTHER ANALYTES

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
TOMAS MONTI / LANGAN	5/26/20 1427		5-26-20 1427		5-26-20 1810
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
				KBlocka	5/26/20 1810

Temp. Received at Lab: 2.0 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: 07/15/2020
Client Project ID: 170384501
York Project (SDG) No.: 20G0295

Report Date: 07/15/2020
Client Project ID: 170384501
York Project (SDG) No.: 20G0295

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 July 08, 2020 and listed below. The project was identified as your project: **170384501**.

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
20G0295-01	TB01_070820	Water	07/08/2020	07/08/2020
20G0295-02	EP15_e157	Soil	07/08/2020	07/08/2020

General Notes for York Project (SDG) No.: 20G0295

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: 07/15/2020

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: TB01_070820 **York Sample ID:** 20G0295-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0295	170384501	Water	July 8, 2020 10:00 am	07/08/2020

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	07/09/2020 06:54	07/09/2020 15:54	LLJ
								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	07/09/2020 06:54	07/09/2020 15:54	LLJ
								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	07/09/2020 06:54	07/09/2020 15:54	LLJ
								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	07/09/2020 06:54	07/09/2020 15:54	LLJ
								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	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	**1,2,3-Trichlorobenzene**	**0.370**	CCV-E, QL-02	ug/L	0.200	0.500	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								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	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								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	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**7.78**	Cal-E, CCV-E	ug/L	0.200	0.500	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB01_070820 **York Sample ID:** 20G0295-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0295	170384501	Water	July 8, 2020 10:00 am	07/08/2020

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**	**1.67**		ug/L	0.200	0.500	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								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	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**50.1**	B	ug/L	1.00	2.00	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	**Benzene**	**0.690**		ug/L	0.200	0.500	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	**Carbon disulfide**	**0.250**	CCV-E	ug/L	0.200	0.500	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								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	07/09/2020 06:54	07/09/2020 15:54	LLJ
								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	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB01_070820 **York Sample ID:** 20G0295-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0295	170384501	Water	July 8, 2020 10:00 am	07/08/2020

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	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								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	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								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	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	**Tetrachloroethylene**	**0.560**		ug/L	0.200	0.500	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								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	07/09/2020 06:54	07/09/2020 15:54	LLJ
								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	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB01_070820 **York Sample ID:** 20G0295-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0295	170384501	Water	July 8, 2020 10:00 am	07/08/2020

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	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	07/09/2020 06:54	07/09/2020 15:54	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.7 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*79-122*

Sample Information

Client Sample ID: EP15_e157 **York Sample ID:** 20G0295-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0295	170384501	Soil	July 8, 2020 9:00 am	07/08/2020

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	07/09/2020 06:37	07/09/2020 12:59	TMP
								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	07/09/2020 06:37	07/09/2020 12:59	TMP
								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	07/09/2020 06:37	07/09/2020 12:59	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	0.0021	0.0043	1	EPA 8260C	07/09/2020 06:37	07/09/2020 12:59	TMP
								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	07/09/2020 06:37	07/09/2020 12:59	TMP
								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	07/09/2020 06:37	07/09/2020 12:59	TMP
								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	07/09/2020 06:37	07/09/2020 12:59	TMP
								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	07/09/2020 06:37	07/09/2020 12:59	TMP
								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	07/09/2020 06:37	07/09/2020 12:59	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	07/09/2020 06:37	07/09/2020 12:59	TMP
								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	07/09/2020 06:37	07/09/2020 12:59	TMP
								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	07/09/2020 06:37	07/09/2020 12:59	TMP
								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	07/09/2020 06:37	07/09/2020 12:59	TMP
								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	07/09/2020 06:37	07/09/2020 12:59	TMP
								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	07/09/2020 06:37	07/09/2020 12:59	TMP
								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	07/09/2020 06:37	07/09/2020 12:59	TMP
								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	07/09/2020 06:37	07/09/2020 12:59	TMP
								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	07/09/2020 06:37	07/09/2020 12:59	TMP
								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	07/09/2020 06:37	07/09/2020 12:59	TMP
								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	07/09/2020 06:37	07/09/2020 12:59	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	07/09/2020 06:37	07/09/2020 12:59	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	07/09/2020 06:37	07/09/2020 12:59	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP15_e157 **York Sample ID:** 20G0295-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0295	170384501	Soil	July 8, 2020 9:00 am	07/08/2020

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
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	07/09/2020 06:37	07/09/2020 12:59	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C	07/09/2020 06:37	07/09/2020 12:59	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C	07/09/2020 06:37	07/09/2020 12:59	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	07/09/2020 06:37	07/09/2020 12:59	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	07/09/2020 06:37	07/09/2020 12:59	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	07/09/2020 06:37	07/09/2020 12:59	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	07/09/2020 06:37	07/09/2020 12:59	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	07/09/2020 06:37	07/09/2020 12:59	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	07/09/2020 06:37	07/09/2020 12:59	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	07/09/2020 06:37	07/09/2020 12:59	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	07/09/2020 06:37	07/09/2020 12:59	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	07/09/2020 06:37	07/09/2020 12:59	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	07/09/2020 06:37	07/09/2020 12:59	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	07/09/2020 06:37	07/09/2020 12:59	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	07/09/2020 06:37	07/09/2020 12:59	TMP
								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	07/09/2020 06:37	07/09/2020 12:59	TMP
								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	07/09/2020 06:37	07/09/2020 12:59	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	07/09/2020 06:37	07/09/2020 12:59	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	07/09/2020 06:37	07/09/2020 12:59	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	07/09/2020 06:37	07/09/2020 12:59	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	07/09/2020 06:37	07/09/2020 12:59	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	07/09/2020 06:37	07/09/2020 12:59	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP15_e157 **York Sample ID:** 20G0295-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0295	170384501	Soil	July 8, 2020 9:00 am	07/08/2020

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
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	07/09/2020 06:37	07/09/2020 12:59	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	07/09/2020 06:37	07/09/2020 12:59	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	07/09/2020 06:37	07/09/2020 12:59	TMP
								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	07/09/2020 06:37	07/09/2020 12:59	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	07/09/2020 06:37	07/09/2020 12:59	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C	07/09/2020 06:37	07/09/2020 12:59	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	07/09/2020 06:37	07/09/2020 12:59	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	07/09/2020 06:37	07/09/2020 12:59	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	07/09/2020 06:37	07/09/2020 12:59	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C	07/09/2020 06:37	07/09/2020 12:59	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	07/09/2020 06:37	07/09/2020 12:59	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	07/09/2020 06:37	07/09/2020 12:59	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	07/09/2020 06:37	07/09/2020 12:59	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	07/09/2020 06:37	07/09/2020 12:59	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	07/09/2020 06:37	07/09/2020 12:59	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	07/09/2020 06:37	07/09/2020 12:59	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	07/09/2020 06:37	07/09/2020 12:59	TMP
								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	07/09/2020 06:37	07/09/2020 12:59	TMP
								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	07/09/2020 06:37	07/09/2020 12:59	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	07/09/2020 06:37	07/09/2020 12:59	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	07/09/2020 06:37	07/09/2020 12:59	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	07/09/2020 06:37	07/09/2020 12:59	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP15_e157 **York Sample ID:** 20G0295-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0295	170384501	Soil	July 8, 2020 9:00 am	07/08/2020

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
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0064	0.013	1	EPA 8260C	07/09/2020 06:37	07/09/2020 12:59	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*111 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*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	07/14/2020 15:06	07/15/2020 12:48	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	07/14/2020 15:06	07/15/2020 12:48	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	07/14/2020 15:06	07/15/2020 12:48	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	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	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	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0884	0.177	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP15_e157 **York Sample ID:** 20G0295-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0295	170384501	Soil	July 8, 2020 9:00 am	07/08/2020

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
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0884	0.177	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0884	0.177	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	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	07/14/2020 15:06	07/15/2020 12:48	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	07/14/2020 15:06	07/15/2020 12:48	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	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	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	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0884	0.177	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0884	0.177	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.177	0.354	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.177	0.354	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP15_e157 **York Sample ID:** 20G0295-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0295	170384501	Soil	July 8, 2020 9:00 am	07/08/2020

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
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	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	07/14/2020 15:06	07/15/2020 12:48	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	07/14/2020 15:06	07/15/2020 12:48	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	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0884	0.177	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	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	07/14/2020 15:06	07/15/2020 12:48	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	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0884	0.177	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP15_e157 **York Sample ID:** 20G0295-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0295	170384501	Soil	July 8, 2020 9:00 am	07/08/2020

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
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	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	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.177	0.354	2	EPA 8270D	07/14/2020 15:06	07/15/2020 12:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*60.0 %*		*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*65.1 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*74.3 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.0 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*119 %*	S-08	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*93.7 %*		*24-116*

Pesticides, 8081 target list

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

Sample Information

Client Sample ID: EP15_e157 **York Sample ID:** 20G0295-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0295	170384501	Soil	July 8, 2020 9:00 am	07/08/2020

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	07/13/2020 07:43	07/15/2020 01:47	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00175	5	EPA 8081B	07/13/2020 07:43	07/15/2020 01:47	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00175	5	EPA 8081B	07/13/2020 07:43	07/15/2020 01:47	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		mg/kg dry	0.00175	5	EPA 8081B	07/13/2020 07:43	07/15/2020 01:47	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	07/13/2020 07:43	07/15/2020 01:47	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B	07/13/2020 07:43	07/15/2020 01:47	CM
							Certifications: NELAC-NY10854,NJDEP			
319-85-7	beta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	07/13/2020 07:43	07/15/2020 01:47	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	Chlordane, total	ND		mg/kg dry	0.0350	5	EPA 8081B	07/13/2020 07:43	07/15/2020 01:47	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	07/13/2020 07:43	07/15/2020 01:47	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		mg/kg dry	0.00175	5	EPA 8081B	07/13/2020 07:43	07/15/2020 01:47	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00175	5	EPA 8081B	07/13/2020 07:43	07/15/2020 01:47	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00175	5	EPA 8081B	07/13/2020 07:43	07/15/2020 01:47	CM
							Certifications: CTDOH,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00175	5	EPA 8081B	07/13/2020 07:43	07/15/2020 01:47	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		mg/kg dry	0.00175	5	EPA 8081B	07/13/2020 07:43	07/15/2020 01:47	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00175	5	EPA 8081B	07/13/2020 07:43	07/15/2020 01:47	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00175	5	EPA 8081B	07/13/2020 07:43	07/15/2020 01:47	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00175	5	EPA 8081B	07/13/2020 07:43	07/15/2020 01:47	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B	07/13/2020 07:43	07/15/2020 01:47	CM
							Certifications: NELAC-NY10854,NJDEP			
76-44-8	Heptachlor	ND		mg/kg dry	0.00175	5	EPA 8081B	07/13/2020 07:43	07/15/2020 01:47	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00175	5	EPA 8081B	07/13/2020 07:43	07/15/2020 01:47	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00875	5	EPA 8081B	07/13/2020 07:43	07/15/2020 01:47	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		mg/kg dry	0.0885	5	EPA 8081B	07/13/2020 07:43	07/15/2020 01:47	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: EP15_e157 **York Sample ID:** 20G0295-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0295	170384501	Soil	July 8, 2020 9:00 am	07/08/2020

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
	Surrogate Recoveries	**Result**		**Acceptance Range**						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*84.1 %*		*30-150*						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*70.4 %*		*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**	**8040**		mg/kg dry	5.39	1	EPA 6010D	07/09/2020 09:20	07/10/2020 12:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.69	1	EPA 6010D	07/09/2020 09:20	07/10/2020 12:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.62	1	EPA 6010D	07/09/2020 09:20	07/10/2020 12:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**47.1**		mg/kg dry	2.69	1	EPA 6010D	07/09/2020 09:20	07/10/2020 12:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.054	1	EPA 6010D	07/09/2020 09:20	07/10/2020 12:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.323	1	EPA 6010D	07/09/2020 09:20	07/10/2020 12:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**2530**		mg/kg dry	5.39	1	EPA 6010D	07/09/2020 09:20	07/10/2020 12:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**36.4**		mg/kg dry	0.539	1	EPA 6010D	07/09/2020 09:20	07/10/2020 12:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**10.2**		mg/kg dry	0.431	1	EPA 6010D	07/09/2020 09:20	07/10/2020 12:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**31.7**		mg/kg dry	2.16	1	EPA 6010D	07/09/2020 09:20	07/10/2020 12:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**15000**		mg/kg dry	26.9	1	EPA 6010D	07/09/2020 09:20	07/10/2020 12:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**11.7**		mg/kg dry	0.539	1	EPA 6010D	07/09/2020 09:20	07/10/2020 12:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3770**		mg/kg dry	5.39	1	EPA 6010D	07/09/2020 09:20	07/10/2020 12:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**361**		mg/kg dry	0.539	1	EPA 6010D	07/09/2020 09:20	07/10/2020 12:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**47.0**		mg/kg dry	1.08	1	EPA 6010D	07/09/2020 09:20	07/10/2020 12:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1290**		mg/kg dry	5.39	1	EPA 6010D	07/09/2020 09:20	07/10/2020 12:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.69	1	EPA 6010D	07/09/2020 09:20	07/10/2020 12:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP15_e157 **York Sample ID:** 20G0295-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0295	170384501	Soil	July 8, 2020 9:00 am	07/08/2020

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
7440-22-4	Silver	ND		mg/kg dry	0.539	1	EPA 6010D	07/09/2020 09:20	07/10/2020 12:20	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**407**		mg/kg dry	53.9	1	EPA 6010D	07/09/2020 09:20	07/10/2020 12:20	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.69	1	EPA 6010D	07/09/2020 09:20	07/10/2020 12:20	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**29.5**		mg/kg dry	1.08	1	EPA 6010D	07/09/2020 09:20	07/10/2020 12:20	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**41.1**		mg/kg dry	2.69	1	EPA 6010D	07/09/2020 09:20	07/10/2020 12:20	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	0.0323	1	EPA 7473	07/09/2020 10:53	07/09/2020 12:10	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	0.539	1	EPA 7196A	07/13/2020 08:50	07/13/2020 16:21	JAG
							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	07/15/2020 15:51	07/15/2020 15:59	PAM
							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	0.539	1	EPA 9014/9010C	07/13/2020 08:47	07/13/2020 16:07	WJM
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

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

Sample Information

Client Sample ID: **EP15_e157** **York Sample ID:** **20G0295-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0295	170384501	Soil	July 8, 2020 9:00 am	07/08/2020

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**	**92.8**		%	0.100	1	SM 2540G	07/09/2020 08:00	07/09/2020 15:16	WJM
							Certifications: CTDOH			

Analytical Batch Summary

Batch ID: BG00372 **Preparation Method:** EPA 5030B **Prepared By:** TMP

YORK Sample ID	Client Sample ID	Preparation Date
20G0295-01	TB01_070820	07/09/20
BG00372-BLK1	Blank	07/09/20
BG00372-BS1	LCS	07/09/20
BG00372-BSD1	LCS Dup	07/09/20

Batch ID: BG00378 **Preparation Method:** EPA 5035A **Prepared By:** TMP

YORK Sample ID	Client Sample ID	Preparation Date
20G0295-02	EP15_e157	07/09/20
BG00378-BLK1	Blank	07/09/20
BG00378-BLK2	Blank	07/09/20
BG00378-BLK3	Blank	07/09/20
BG00378-BS1	LCS	07/09/20
BG00378-BSD1	LCS Dup	07/09/20

Batch ID: BG00417 **Preparation Method:** % Solids Prep **Prepared By:** WJM

YORK Sample ID	Client Sample ID	Preparation Date
20G0295-02	EP15_e157	07/09/20

Batch ID: BG00432 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20G0295-02	EP15_e157	07/09/20
BG00432-BLK1	Blank	07/09/20
BG00432-SRM1	Reference	07/09/20

Batch ID: BG00445 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20G0295-02	EP15_e157	07/09/20
BG00445-BLK1	Blank	07/09/20
BG00445-SRM1	Reference	07/09/20

Batch ID: BG00549 **Preparation Method:** EPA 3550C **Prepared By:** TSS

YORK Sample ID	Client Sample ID	Preparation Date
20G0295-02	EP15_e157	07/13/20
BG00549-BLK1	Blank	07/13/20
BG00549-BS1	LCS	07/13/20

Batch ID: BG00562 **Preparation Method:** Analysis Preparation Soil **Prepared By:** JAG

YORK Sample ID	Client Sample ID	Preparation Date
20G0295-02	EP15_e157	07/13/20
BG00562-BLK1	Blank	07/13/20
BG00562-SRM1	Reference	07/13/20

Batch ID: BG00563 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAG

YORK Sample ID	Client Sample ID	Preparation Date
20G0295-02	EP15_e157	07/13/20
BG00563-BLK1	Blank	07/13/20
BG00563-SRM1	Reference	07/13/20

Batch ID: BG00676 **Preparation Method:** EPA 3550C **Prepared By:** YG

YORK Sample ID	Client Sample ID	Preparation Date
20G0295-02	EP15_e157	07/14/20
BG00676-BLK1	Blank	07/14/20
BG00676-BS1	LCS	07/14/20
BG00676-BSD1	LCS Dup	07/14/20
BG00676-MS1	Matrix Spike	07/14/20

Batch ID: BG00775 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
20G0295-02	EP15_e157	07/15/20

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

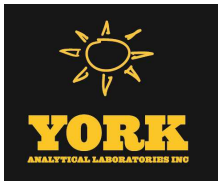
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG00372 - EPA 5030B											
Blank (BG00372-BLK1)											Prepared & Analyzed: 07/09/2020
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	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	1.37	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	"								

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG00372 - EPA 5030B											
Blank (BG00372-BLK1)								Prepared & Analyzed: 07/09/2020			
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	*9.42*		*"*	*10.0*		*94.2*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*79-122*				
LCS (BG00372-BS1)								Prepared & Analyzed: 07/09/2020			
1,1,1,2-Tetrachloroethane	8.84		ug/L	10.0		88.4	82-126				
1,1,1-Trichloroethane	9.34		"	10.0		93.4	78-136				
1,1,2,2-Tetrachloroethane	8.51		"	10.0		85.1	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.56		"	10.0		95.6	54-165				
1,1,2-Trichloroethane	8.65		"	10.0		86.5	82-123				
1,1-Dichloroethane	9.20		"	10.0		92.0	82-129				
1,1-Dichloroethylene	9.90		"	10.0		99.0	68-138				
1,2,3-Trichlorobenzene	6.28		"	10.0		62.8	76-136	Low Bias			
1,2,3-Trichloropropane	9.18		"	10.0		91.8	77-128				
1,2,4-Trichlorobenzene	7.54		"	10.0		75.4	76-137	Low Bias			
1,2,4-Trimethylbenzene	8.86		"	10.0		88.6	82-132				
1,2-Dibromo-3-chloropropane	7.11		"	10.0		71.1	45-147				
1,2-Dibromoethane	9.02		"	10.0		90.2	83-124				
1,2-Dichlorobenzene	9.26		"	10.0		92.6	79-123				
1,2-Dichloroethane	10.4		"	10.0		104	73-132				
1,2-Dichloropropane	8.13		"	10.0		81.3	78-126				
1,3,5-Trimethylbenzene	8.67		"	10.0		86.7	80-131				
1,3-Dichlorobenzene	9.06		"	10.0		90.6	86-122				
1,4-Dichlorobenzene	9.26		"	10.0		92.6	85-124				
1,4-Dioxane	308		"	210		146	10-349				
2-Butanone	8.10		"	10.0		81.0	49-152				
2-Hexanone	7.90		"	10.0		79.0	51-146				
4-Methyl-2-pentanone	7.74		"	10.0		77.4	57-145				
Acetone	12.0		"	10.0		120	14-150				
Acrolein	4.22		"	10.0		42.2	10-153				
Acrylonitrile	10.5		"	10.0		105	51-150				
Benzene	9.41		"	10.0		94.1	85-126				
Bromochloromethane	9.87		"	10.0		98.7	77-128				
Bromodichloromethane	8.33		"	10.0		83.3	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 BG00372 - EPA 5030B											
LCS (BG00372-BS1)								Prepared & Analyzed: 07/09/2020			
Bromoform	8.29		ug/L	10.0		82.9	78-133				
Bromomethane	1.77		"	10.0		17.7	43-168	Low Bias			
Carbon disulfide	10.0		"	10.0		100	68-146				
Carbon tetrachloride	8.19		"	10.0		81.9	77-141				
Chlorobenzene	8.95		"	10.0		89.5	88-120				
Chloroethane	10.7		"	10.0		107	65-136				
Chloroform	9.84		"	10.0		98.4	82-128				
Chloromethane	10.2		"	10.0		102	43-155				
cis-1,2-Dichloroethylene	10.1		"	10.0		101	83-129				
cis-1,3-Dichloropropylene	8.31		"	10.0		83.1	80-131				
Cyclohexane	8.32		"	10.0		83.2	63-149				
Dibromochloromethane	8.63		"	10.0		86.3	80-130				
Dibromomethane	8.62		"	10.0		86.2	72-134				
Dichlorodifluoromethane	16.0		"	10.0		160	44-144	High Bias			
Ethyl Benzene	8.70		"	10.0		87.0	80-131				
Hexachlorobutadiene	7.66		"	10.0		76.6	67-146				
Isopropylbenzene	7.89		"	10.0		78.9	76-140				
Methyl acetate	9.57		"	10.0		95.7	51-139				
Methyl tert-butyl ether (MTBE)	9.77		"	10.0		97.7	76-135				
Methylcyclohexane	6.83		"	10.0		68.3	72-143	Low Bias			
Methylene chloride	9.98		"	10.0		99.8	55-137				
n-Butylbenzene	7.82		"	10.0		78.2	79-132	Low Bias			
n-Propylbenzene	7.84		"	10.0		78.4	78-133				
o-Xylene	8.90		"	10.0		89.0	78-130				
p- & m- Xylenes	17.4		"	20.0		87.0	77-133				
p-Isopropyltoluene	8.21		"	10.0		82.1	81-136				
sec-Butylbenzene	7.99		"	10.0		79.9	79-137				
Styrene	9.34		"	10.0		93.4	67-132				
tert-Butyl alcohol (TBA)	8.02		"	50.0		16.0	25-162	Low Bias			
tert-Butylbenzene	6.57		"	10.0		65.7	77-138	Low Bias			
Tetrachloroethylene	8.58		"	10.0		85.8	82-131				
Toluene	8.38		"	10.0		83.8	80-127				
trans-1,2-Dichloroethylene	9.90		"	10.0		99.0	80-132				
trans-1,3-Dichloropropylene	8.23		"	10.0		82.3	78-131				
Trichloroethylene	8.16		"	10.0		81.6	82-128	Low Bias			
Trichlorofluoromethane	10.3		"	10.0		103	67-139				
Vinyl Chloride	11.0		"	10.0		110	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.7*		*"*	*10.0*		*107*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.30*		*"*	*10.0*		*93.0*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.72*		*"*	*10.0*		*97.2*	*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 BG00372 - EPA 5030B											
LCS Dup (BG00372-BSD1)								Prepared & Analyzed: 07/09/2020			
1,1,1,2-Tetrachloroethane	8.81		ug/L	10.0		88.1	82-126		0.340	30	
1,1,1-Trichloroethane	9.12		"	10.0		91.2	78-136		2.38	30	
1,1,2,2-Tetrachloroethane	8.85		"	10.0		88.5	76-129		3.92	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.25		"	10.0		92.5	54-165		3.30	30	
1,1,2-Trichloroethane	8.91		"	10.0		89.1	82-123		2.96	30	
1,1-Dichloroethane	9.00		"	10.0		90.0	82-129		2.20	30	
1,1-Dichloroethylene	9.46		"	10.0		94.6	68-138		4.55	30	
1,2,3-Trichlorobenzene	6.84		"	10.0		68.4	76-136	Low Bias	8.54	30	
1,2,3-Trichloropropane	9.48		"	10.0		94.8	77-128		3.22	30	
1,2,4-Trichlorobenzene	7.83		"	10.0		78.3	76-137		3.77	30	
1,2,4-Trimethylbenzene	8.97		"	10.0		89.7	82-132		1.23	30	
1,2-Dibromo-3-chloropropane	8.54		"	10.0		85.4	45-147		18.3	30	
1,2-Dibromoethane	9.18		"	10.0		91.8	83-124		1.76	30	
1,2-Dichlorobenzene	9.38		"	10.0		93.8	79-123		1.29	30	
1,2-Dichloroethane	10.4		"	10.0		104	73-132		0.0962	30	
1,2-Dichloropropane	8.05		"	10.0		80.5	78-126		0.989	30	
1,3,5-Trimethylbenzene	8.74		"	10.0		87.4	80-131		0.804	30	
1,3-Dichlorobenzene	9.12		"	10.0		91.2	86-122		0.660	30	
1,4-Dichlorobenzene	9.46		"	10.0		94.6	85-124		2.14	30	
1,4-Dioxane	343		"	210		163	10-349		10.9	30	
2-Butanone	8.14		"	10.0		81.4	49-152		0.493	30	
2-Hexanone	8.25		"	10.0		82.5	51-146		4.33	30	
4-Methyl-2-pentanone	7.96		"	10.0		79.6	57-145		2.80	30	
Acetone	12.5		"	10.0		125	14-150		3.75	30	
Acrolein	4.59		"	10.0		45.9	10-153		8.40	30	
Acrylonitrile	10.6		"	10.0		106	51-150		1.42	30	
Benzene	9.06		"	10.0		90.6	85-126		3.79	30	
Bromochloromethane	9.70		"	10.0		97.0	77-128		1.74	30	
Bromodichloromethane	8.33		"	10.0		83.3	79-128		0.00	30	
Bromoform	8.43		"	10.0		84.3	78-133		1.67	30	
Bromomethane	1.90		"	10.0		19.0	43-168	Low Bias	7.08	30	
Carbon disulfide	9.65		"	10.0		96.5	68-146		3.86	30	
Carbon tetrachloride	7.93		"	10.0		79.3	77-141		3.23	30	
Chlorobenzene	8.83		"	10.0		88.3	88-120		1.35	30	
Chloroethane	10.3		"	10.0		103	65-136		3.52	30	
Chloroform	9.71		"	10.0		97.1	82-128		1.33	30	
Chloromethane	10.3		"	10.0		103	43-155		0.585	30	
cis-1,2-Dichloroethylene	9.88		"	10.0		98.8	83-129		1.81	30	
cis-1,3-Dichloropropylene	8.32		"	10.0		83.2	80-131		0.120	30	
Cyclohexane	7.99		"	10.0		79.9	63-149		4.05	30	
Dibromochloromethane	8.75		"	10.0		87.5	80-130		1.38	30	
Dibromomethane	8.70		"	10.0		87.0	72-134		0.924	30	
Dichlorodifluoromethane	15.4		"	10.0		154	44-144	High Bias	4.01	30	
Ethyl Benzene	8.55		"	10.0		85.5	80-131		1.74	30	
Hexachlorobutadiene	7.96		"	10.0		79.6	67-146		3.84	30	
Isopropylbenzene	7.97		"	10.0		79.7	76-140		1.01	30	
Methyl acetate	9.70		"	10.0		97.0	51-139		1.35	30	
Methyl tert-butyl ether (MTBE)	9.89		"	10.0		98.9	76-135		1.22	30	
Methylcyclohexane	6.66		"	10.0		66.6	72-143	Low Bias	2.52	30	
Methylene chloride	9.74		"	10.0		97.4	55-137		2.43	30	
n-Butylbenzene	7.96		"	10.0		79.6	79-132		1.77	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 BG00372 - EPA 5030B											
LCS Dup (BG00372-BSD1)								Prepared & Analyzed: 07/09/2020			
n-Propylbenzene	7.86		ug/L	10.0		78.6	78-133		0.255	30	
o-Xylene	8.77		"	10.0		87.7	78-130		1.47	30	
p- & m- Xylenes	17.1		"	20.0		85.6	77-133		1.68	30	
p-Isopropyltoluene	8.36		"	10.0		83.6	81-136		1.81	30	
sec-Butylbenzene	8.15		"	10.0		81.5	79-137		1.98	30	
Styrene	9.24		"	10.0		92.4	67-132		1.08	30	
tert-Butyl alcohol (TBA)	7.98		"	50.0		16.0	25-162	Low Bias	0.500	30	
tert-Butylbenzene	6.65		"	10.0		66.5	77-138	Low Bias	1.21	30	
Tetrachloroethylene	8.29		"	10.0		82.9	82-131		3.44	30	
Toluene	8.30		"	10.0		83.0	80-127		0.959	30	
trans-1,2-Dichloroethylene	9.59		"	10.0		95.9	80-132		3.18	30	
trans-1,3-Dichloropropylene	8.33		"	10.0		83.3	78-131		1.21	30	
Trichloroethylene	8.08		"	10.0		80.8	82-128	Low Bias	0.985	30	
Trichlorofluoromethane	9.91		"	10.0		99.1	67-139		4.15	30	
Vinyl Chloride	10.5		"	10.0		105	58-145		4.75	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.7*		*"*	*10.0*		*107*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.41*		*"*	*10.0*		*94.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.72*		*"*	*10.0*		*97.2*	*79-122*				
Batch BG00378 - EPA 5035A											
Blank (BG00378-BLK1)								Prepared & Analyzed: 07/09/2020			
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 BG00378 - EPA 5035A											
Blank (BG00378-BLK1)											Prepared & Analyzed: 07/09/2020
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	*51.5*		*ug/L*	*50.0*		*103*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.1*		*"*	*50.0*		*98.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.7*		*"*	*50.0*		*103*	*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 BG00378 - EPA 5035A											
Blank (BG00378-BLK2)											
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	"								

Prepared & Analyzed: 07/09/2020

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 BG00378 - EPA 5035A											
Blank (BG00378-BLK2)								Prepared & Analyzed: 07/09/2020			
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	*52.2*		*ug/L*	*50.0*		*104*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.3*		*"*	*50.0*		*98.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.9*		*"*	*50.0*		*104*	*76-130*				
Blank (BG00378-BLK3)								Prepared & Analyzed: 07/09/2020			
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	"								

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 BG00378 - EPA 5035A											
Blank (BG00378-BLK3)											Prepared & Analyzed: 07/09/2020
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	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	*52.2*		*ug/L*	*50.0*		*104*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.6*		*"*	*50.0*		*99.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.2*		*"*	*50.0*		*106*	*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 BG00378 - EPA 5035A											
LCS (BG00378-BS1)								Prepared & Analyzed: 07/09/2020			
1,1,1,2-Tetrachloroethane	45.1		ug/L	50.0		90.2	75-129				
1,1,1-Trichloroethane	52.0		"	50.0		104	71-137				
1,1,2,2-Tetrachloroethane	43.2		"	50.0		86.4	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	69.1		"	50.0		138	58-146				
1,1,2-Trichloroethane	44.2		"	50.0		88.5	83-123				
1,1-Dichloroethane	51.0		"	50.0		102	75-130				
1,1-Dichloroethylene	54.2		"	50.0		108	64-137				
1,2,3-Trichlorobenzene	39.8		"	50.0		79.7	81-140	Low Bias			
1,2,3-Trichloropropane	46.8		"	50.0		93.6	81-126				
1,2,4-Trichlorobenzene	35.3		"	50.0		70.6	80-141	Low Bias			
1,2,4-Trimethylbenzene	41.8		"	50.0		83.6	84-125	Low Bias			
1,2-Dibromo-3-chloropropane	41.0		"	50.0		81.9	74-142				
1,2-Dibromoethane	46.5		"	50.0		93.1	86-123				
1,2-Dichlorobenzene	42.9		"	50.0		85.9	85-122				
1,2-Dichloroethane	52.6		"	50.0		105	71-133				
1,2-Dichloropropane	45.0		"	50.0		89.9	81-122				
1,3,5-Trimethylbenzene	42.8		"	50.0		85.5	82-126				
1,3-Dichlorobenzene	41.6		"	50.0		83.2	84-124	Low Bias			
1,4-Dichlorobenzene	40.6		"	50.0		81.2	84-124	Low Bias			
1,4-Dioxane	1110		"	1050		105	10-228				
2-Butanone	50.6		"	50.0		101	58-147				
2-Hexanone	41.2		"	50.0		82.5	70-139				
4-Methyl-2-pentanone	44.0		"	50.0		88.0	72-132				
Acetone	31.4		"	50.0		62.8	36-155				
Acrolein	17.6		"	50.0		35.2	10-238				
Acrylonitrile	48.2		"	50.0		96.4	66-141				
Benzene	48.3		"	50.0		96.5	77-127				
Bromochloromethane	48.8		"	50.0		97.5	74-129				
Bromodichloromethane	43.7		"	50.0		87.4	81-124				
Bromoform	37.7		"	50.0		75.4	80-136	Low Bias			
Bromomethane	88.7		"	50.0		177	32-177				
Carbon disulfide	55.3		"	50.0		111	10-136				
Carbon tetrachloride	48.4		"	50.0		96.8	66-143				
Chlorobenzene	44.8		"	50.0		89.7	86-120				
Chloroethane	69.6		"	50.0		139	51-142				
Chloroform	51.1		"	50.0		102	76-131				
Chloromethane	70.8		"	50.0		142	49-132	High Bias			
cis-1,2-Dichloroethylene	49.8		"	50.0		99.6	74-132				
cis-1,3-Dichloropropylene	42.8		"	50.0		85.6	81-129				
Cyclohexane	47.8		"	50.0		95.5	70-130				
Dibromochloromethane	42.1		"	50.0		84.3	10-200				
Dibromomethane	46.7		"	50.0		93.3	83-124				
Dichlorodifluoromethane	77.4		"	50.0		155	28-158				
Ethyl Benzene	45.7		"	50.0		91.4	84-125				
Hexachlorobutadiene	43.1		"	50.0		86.1	83-133				
Isopropylbenzene	43.6		"	50.0		87.2	81-127				
Methyl acetate	56.7		"	50.0		113	41-143				
Methyl tert-butyl ether (MTBE)	49.9		"	50.0		99.8	74-131				
Methylcyclohexane	46.5		"	50.0		93.0	70-130				
Methylene chloride	50.0		"	50.0		100	57-141				
n-Butylbenzene	40.7		"	50.0		81.4	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

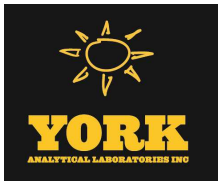
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG00378 - EPA 5035A											
LCS (BG00378-BS1)								Prepared & Analyzed: 07/09/2020			
n-Propylbenzene	42.3		ug/L	50.0		84.5	74-136				
o-Xylene	44.3		"	50.0		88.6	83-123				
p- & m- Xylenes	91.5		"	100		91.5	82-128				
p-Isopropyltoluene	43.4		"	50.0		86.7	85-125				
sec-Butylbenzene	45.5		"	50.0		90.9	83-125				
Styrene	43.4		"	50.0		86.8	86-126				
tert-Butyl alcohol (TBA)	218		"	250		87.3	70-130				
tert-Butylbenzene	44.4		"	50.0		88.9	80-127				
Tetrachloroethylene	44.9		"	50.0		89.7	80-129				
Toluene	45.6		"	50.0		91.3	85-121				
trans-1,2-Dichloroethylene	52.4		"	50.0		105	72-132				
trans-1,3-Dichloropropylene	41.0		"	50.0		82.0	78-132				
Trichloroethylene	48.5		"	50.0		97.1	84-123				
Trichlorofluoromethane	69.1		"	50.0		138	62-140				
Vinyl Chloride	69.1		"	50.0		138	52-130	High Bias			
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.5*		*"*	*50.0*		*105*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.6*		*"*	*50.0*		*97.1*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.7*		*"*	*50.0*		*99.4*	*76-130*				
LCS Dup (BG00378-BSD1)								Prepared & Analyzed: 07/09/2020			
1,1,1,2-Tetrachloroethane	46.6		ug/L	50.0		93.2	75-129		3.34	30	
1,1,1-Trichloroethane	54.0		"	50.0		108	71-137		3.91	30	
1,1,2,2-Tetrachloroethane	46.1		"	50.0		92.2	79-129		6.52	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	72.4		"	50.0		145	58-146		4.62	30	
1,1,2-Trichloroethane	46.4		"	50.0		92.8	83-123		4.79	30	
1,1-Dichloroethane	52.9		"	50.0		106	75-130		3.81	30	
1,1-Dichloroethylene	56.5		"	50.0		113	64-137		4.07	30	
1,2,3-Trichlorobenzene	44.0		"	50.0		88.0	81-140		9.93	30	
1,2,3-Trichloropropane	51.1		"	50.0		102	81-126		8.73	30	
1,2,4-Trichlorobenzene	41.0		"	50.0		82.0	80-141		15.0	30	
1,2,4-Trimethylbenzene	44.5		"	50.0		89.1	84-125		6.32	30	
1,2-Dibromo-3-chloropropane	45.3		"	50.0		90.5	74-142		10.0	30	
1,2-Dibromoethane	48.6		"	50.0		97.2	86-123		4.33	30	
1,2-Dichlorobenzene	44.9		"	50.0		89.8	85-122		4.48	30	
1,2-Dichloroethane	55.6		"	50.0		111	71-133		5.56	30	
1,2-Dichloropropane	46.3		"	50.0		92.6	81-122		2.96	30	
1,3,5-Trimethylbenzene	45.6		"	50.0		91.3	82-126		6.47	30	
1,3-Dichlorobenzene	44.9		"	50.0		89.7	84-124		7.54	30	
1,4-Dichlorobenzene	44.0		"	50.0		88.0	84-124		8.04	30	
1,4-Dioxane	1240		"	1050		118	10-228		11.4	30	
2-Butanone	56.5		"	50.0		113	58-147		11.0	30	
2-Hexanone	45.0		"	50.0		89.9	70-139		8.63	30	
4-Methyl-2-pentanone	46.7		"	50.0		93.5	72-132		6.04	30	
Acetone	35.5		"	50.0		71.0	36-155		12.3	30	
Acrolein	17.0		"	50.0		33.9	10-238		3.70	30	
Acrylonitrile	54.2		"	50.0		108	66-141		11.9	30	
Benzene	50.0		"	50.0		99.9	77-127		3.42	30	
Bromochloromethane	50.2		"	50.0		100	74-129		2.91	30	
Bromodichloromethane	45.2		"	50.0		90.5	81-124		3.46	30	
Bromoform	39.6		"	50.0		79.2	80-136	Low Bias	4.92	30	
Bromomethane	89.5		"	50.0		179	32-177	High Bias	0.920	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 BG00378 - EPA 5035A											
LCS Dup (BG00378-BSD1)								Prepared & Analyzed: 07/09/2020			
Carbon disulfide	58.4		ug/L	50.0		117	10-136		5.54	30	
Carbon tetrachloride	50.9		"	50.0		102	66-143		5.11	30	
Chlorobenzene	46.9		"	50.0		93.8	86-120		4.45	30	
Chloroethane	70.9		"	50.0		142	51-142		1.84	30	
Chloroform	53.3		"	50.0		107	76-131		4.25	30	
Chloromethane	74.1		"	50.0		148	49-132	High Bias	4.53	30	
cis-1,2-Dichloroethylene	51.1		"	50.0		102	74-132		2.60	30	
cis-1,3-Dichloropropylene	44.1		"	50.0		88.2	81-129		3.02	30	
Cyclohexane	50.2		"	50.0		100	70-130		5.04	30	
Dibromochloromethane	43.9		"	50.0		87.7	10-200		4.02	30	
Dibromomethane	47.6		"	50.0		95.2	83-124		1.95	30	
Dichlorodifluoromethane	81.2		"	50.0		162	28-158	High Bias	4.70	30	
Ethyl Benzene	47.6		"	50.0		95.3	84-125		4.18	30	
Hexachlorobutadiene	46.3		"	50.0		92.6	83-133		7.23	30	
Isopropylbenzene	45.8		"	50.0		91.7	81-127		5.03	30	
Methyl acetate	63.7		"	50.0		127	41-143		11.5	30	
Methyl tert-butyl ether (MTBE)	52.1		"	50.0		104	74-131		4.31	30	
Methylcyclohexane	48.6		"	50.0		97.1	70-130		4.35	30	
Methylene chloride	51.3		"	50.0		103	57-141		2.59	30	
n-Butylbenzene	45.3		"	50.0		90.6	80-130		10.7	30	
n-Propylbenzene	45.3		"	50.0		90.5	74-136		6.88	30	
o-Xylene	46.0		"	50.0		92.0	83-123		3.77	30	
p- & m- Xylenes	96.7		"	100		96.7	82-128		5.48	30	
p-Isopropyltoluene	46.6		"	50.0		93.1	85-125		7.12	30	
sec-Butylbenzene	48.2		"	50.0		96.4	83-125		5.85	30	
Styrene	45.4		"	50.0		90.7	86-126		4.46	30	
tert-Butyl alcohol (TBA)	246		"	250		98.3	70-130		11.8	30	
tert-Butylbenzene	46.6		"	50.0		93.2	80-127		4.74	30	
Tetrachloroethylene	47.5		"	50.0		95.0	80-129		5.72	30	
Toluene	47.3		"	50.0		94.5	85-121		3.51	30	
trans-1,2-Dichloroethylene	54.4		"	50.0		109	72-132		3.69	30	
trans-1,3-Dichloropropylene	42.3		"	50.0		84.6	78-132		3.05	30	
Trichloroethylene	49.9		"	50.0		99.7	84-123		2.68	30	
Trichlorofluoromethane	72.4		"	50.0		145	62-140	High Bias	4.62	30	
Vinyl Chloride	71.3		"	50.0		143	52-130	High Bias	3.22	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*53.0*		*"*	*50.0*		*106*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.4*		*"*	*50.0*		*96.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.8*		*"*	*50.0*		*99.6*	*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 BG00676 - EPA 3550C											
Blank (BG00676-BLK1)											
Prepared: 07/14/2020 Analyzed: 07/15/2020											
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 BG00676 - EPA 3550C											
Blank (BG00676-BLK1)											
Prepared: 07/14/2020 Analyzed: 07/15/2020											
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*		*74.3*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.29*		"	*1.66*		*77.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.795*		"	*0.831*		*95.7*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.657*		"	*0.831*		*79.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.12*		"	*1.66*		*128*	*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 BG00676 - EPA 3550C											
LCS (BG00676-BS1)								Prepared: 07/14/2020 Analyzed: 07/15/2020			
1,1-Biphenyl	0.706	0.0416	mg/kg wet	0.831		85.0	18-111				
1,2,4,5-Tetrachlorobenzene	0.884	0.0830	"	0.955		92.5	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.917	0.0416	"	0.831		110	17-137				
2,3,4,6-Tetrachlorophenol	0.990	0.0830	"	0.831		119	30-130				
2,4,5-Trichlorophenol	0.729	0.0416	"	0.831		87.8	27-118				
2,4,6-Trichlorophenol	0.903	0.0416	"	0.831		109	31-120				
2,4-Dichlorophenol	0.811	0.0416	"	0.831		97.6	20-127				
2,4-Dimethylphenol	0.748	0.0416	"	0.831		90.0	14-132				
2,4-Dinitrophenol	1.57	0.0830	"	0.831		189	10-171	High Bias			
2,4-Dinitrotoluene	1.07	0.0416	"	0.831		128	34-131				
2,6-Dinitrotoluene	1.06	0.0416	"	0.831		128	31-128				
2-Chloronaphthalene	0.728	0.0416	"	0.831		87.7	31-117				
2-Chlorophenol	0.750	0.0416	"	0.831		90.4	33-113				
2-Methylnaphthalene	0.782	0.0416	"	0.831		94.2	12-138				
2-Methylphenol	0.663	0.0416	"	0.831		79.8	10-136				
2-Nitroaniline	0.997	0.0830	"	0.831		120	27-132				
2-Nitrophenol	0.973	0.0416	"	0.831		117	17-129				
3- & 4-Methylphenols	0.597	0.0416	"	0.831		71.8	29-103				
3,3-Dichlorobenzidine	0.880	0.0416	"	0.831		106	22-149				
3-Nitroaniline	0.897	0.0830	"	0.831		108	20-133				
4,6-Dinitro-2-methylphenol	1.81	0.0830	"	0.831		218	10-143	High Bias			
4-Bromophenyl phenyl ether	0.789	0.0416	"	0.831		95.0	29-120				
4-Chloro-3-methylphenol	0.904	0.0416	"	0.831		109	24-129				
4-Chloroaniline	0.602	0.0416	"	0.831		72.4	10-132				
4-Chlorophenyl phenyl ether	0.822	0.0416	"	0.831		99.0	27-124				
4-Nitroaniline	0.988	0.0830	"	0.831		119	16-128				
4-Nitrophenol	0.941	0.0830	"	0.831		113	10-141				
Acenaphthene	0.765	0.0416	"	0.831		92.1	30-121				
Acenaphthylene	0.738	0.0416	"	0.831		88.8	30-115				
Acetophenone	0.737	0.0416	"	0.831		88.7	20-112				
Aniline	0.607	0.166	"	0.831		73.0	10-119				
Anthracene	0.782	0.0416	"	0.831		94.1	34-118				
Atrazine	0.913	0.0416	"	0.831		110	26-112				
Benzaldehyde	0.689	0.0416	"	0.831		83.0	21-100				
Benzo(a)anthracene	0.826	0.0416	"	0.831		99.5	32-122				
Benzo(a)pyrene	0.860	0.0416	"	0.831		104	29-133				
Benzo(b)fluoranthene	0.910	0.0416	"	0.831		110	25-133				
Benzo(g,h,i)perylene	0.888	0.0416	"	0.831		107	10-143				
Benzo(k)fluoranthene	0.842	0.0416	"	0.831		101	25-128				
Benzoic acid	0.710	0.0416	"	0.947		75.0	10-140				
Benzyl alcohol	0.816	0.0416	"	0.831		98.2	30-115				
Benzyl butyl phthalate	0.800	0.0416	"	0.831		96.3	26-126				
Bis(2-chloroethoxy)methane	0.700	0.0416	"	0.831		84.3	19-132				
Bis(2-chloroethyl)ether	0.657	0.0416	"	0.831		79.1	19-125				
Bis(2-chloroisopropyl)ether	0.683	0.0416	"	0.831		82.3	20-135				
Bis(2-ethylhexyl)phthalate	0.842	0.0416	"	0.831		101	10-155				
Caprolactam	0.875	0.0830	"	0.831		105	10-127				
Carbazole	0.749	0.0416	"	0.831		90.2	35-123				
Chrysene	0.796	0.0416	"	0.831		95.8	32-123				
Dibenzo(a,h)anthracene	0.923	0.0416	"	0.831		111	10-136				
Dibenzofuran	0.754	0.0416	"	0.831		90.8	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 BG00676 - EPA 3550C											
LCS (BG00676-BS1)									Prepared: 07/14/2020 Analyzed: 07/15/2020		
Diethyl phthalate	0.811	0.0416	mg/kg wet	0.831		97.6	34-116				
Dimethyl phthalate	0.774	0.0416	"	0.831		93.2	35-124				
Di-n-butyl phthalate	0.755	0.0416	"	0.831		91.0	31-116				
Di-n-octyl phthalate	0.952	0.0416	"	0.831		115	26-136				
Diphenylamine	1.16	0.0830	"	0.831		139	40-140				
Fluoranthene	0.836	0.0416	"	0.831		101	33-122				
Fluorene	0.817	0.0416	"	0.831		98.3	29-123				
Hexachlorobenzene	0.794	0.0416	"	0.831		95.6	21-124				
Hexachlorobutadiene	0.797	0.0416	"	0.831		96.0	10-149				
Hexachlorocyclopentadiene	0.700	0.0416	"	0.831		84.3	10-129				
Hexachloroethane	0.704	0.0416	"	0.831		84.8	28-108				
Indeno(1,2,3-cd)pyrene	0.913	0.0416	"	0.831		110	10-135				
Isophorone	0.762	0.0416	"	0.831		91.8	20-132				
Naphthalene	0.739	0.0416	"	0.831		89.0	23-124				
Nitrobenzene	0.761	0.0416	"	0.831		91.6	13-132				
N-Nitrosodimethylamine	0.488	0.0416	"	0.831		58.7	11-129				
N-nitroso-di-n-propylamine	0.744	0.0416	"	0.831		89.6	24-119				
N-Nitrosodiphenylamine	1.13	0.0416	"	0.831		137	22-152				
Pentachlorophenol	0.749	0.0416	"	0.831		90.2	10-139				
Phenanthrene	0.773	0.0416	"	0.831		93.1	33-123				
Phenol	0.765	0.0416	"	0.831		92.2	23-115				
Pyrene	0.781	0.0416	"	0.831		94.1	32-130				
Pyridine	0.403	0.166	"	0.831		48.5	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.33*		"	*1.66*		*80.3*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.44*		"	*1.66*		*86.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.865*		"	*0.831*		*104*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.756*		"	*0.831*		*91.1*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.43*		"	*1.66*		*146*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.909*		"	*0.831*		*109*	*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 BG00676 - EPA 3550C											
LCS Dup (BG00676-BSD1)								Prepared: 07/14/2020 Analyzed: 07/15/2020			
1,1-Biphenyl	0.681	0.0416	mg/kg wet	0.831		82.0	18-111		3.59	30	
1,2,4,5-Tetrachlorobenzene	0.826	0.0830	"	0.955		86.5	21-131		6.76	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.853	0.0416	"	0.831		103	17-137		7.20	30	
2,3,4,6-Tetrachlorophenol	0.932	0.0830	"	0.831		112	30-130		6.05	30	
2,4,5-Trichlorophenol	0.665	0.0416	"	0.831		80.1	27-118		9.15	30	
2,4,6-Trichlorophenol	0.824	0.0416	"	0.831		99.2	31-120		9.16	30	
2,4-Dichlorophenol	0.781	0.0416	"	0.831		94.0	20-127		3.72	30	
2,4-Dimethylphenol	0.697	0.0416	"	0.831		83.9	14-132		7.08	30	
2,4-Dinitrophenol	1.24	0.0830	"	0.831		149	10-171		23.2	30	
2,4-Dinitrotoluene	0.964	0.0416	"	0.831		116	34-131		10.1	30	
2,6-Dinitrotoluene	0.981	0.0416	"	0.831		118	31-128		7.94	30	
2-Chloronaphthalene	0.685	0.0416	"	0.831		82.4	31-117		6.16	30	
2-Chlorophenol	0.726	0.0416	"	0.831		87.4	33-113		3.38	30	
2-Methylnaphthalene	0.756	0.0416	"	0.831		91.0	12-138		3.41	30	
2-Methylphenol	0.633	0.0416	"	0.831		76.2	10-136		4.61	30	
2-Nitroaniline	0.901	0.0830	"	0.831		108	27-132		10.1	30	
2-Nitrophenol	0.925	0.0416	"	0.831		111	17-129		5.04	30	
3- & 4-Methylphenols	0.580	0.0416	"	0.831		69.8	29-103		2.82	30	
3,3-Dichlorobenzidine	0.772	0.0416	"	0.831		93.0	22-149		13.1	30	
3-Nitroaniline	0.826	0.0830	"	0.831		99.4	20-133		8.25	30	
4,6-Dinitro-2-methylphenol	1.65	0.0830	"	0.831		199	10-143	High Bias	9.42	30	
4-Bromophenyl phenyl ether	0.722	0.0416	"	0.831		87.0	29-120		8.80	30	
4-Chloro-3-methylphenol	0.870	0.0416	"	0.831		105	24-129		3.75	30	
4-Chloroaniline	0.576	0.0416	"	0.831		69.4	10-132		4.34	30	
4-Chlorophenyl phenyl ether	0.744	0.0416	"	0.831		89.5	27-124		10.1	30	
4-Nitroaniline	0.882	0.0830	"	0.831		106	16-128		11.3	30	
4-Nitrophenol	0.886	0.0830	"	0.831		107	10-141		6.00	30	
Acenaphthene	0.714	0.0416	"	0.831		85.9	30-121		6.96	30	
Acenaphthylene	0.685	0.0416	"	0.831		82.5	30-115		7.42	30	
Acetophenone	0.712	0.0416	"	0.831		85.7	20-112		3.44	30	
Aniline	0.616	0.166	"	0.831		74.2	10-119		1.58	30	
Anthracene	0.724	0.0416	"	0.831		87.2	34-118		7.68	30	
Atrazine	0.849	0.0416	"	0.831		102	26-112		7.28	30	
Benzaldehyde	0.662	0.0416	"	0.831		79.8	21-100		3.93	30	
Benzo(a)anthracene	0.765	0.0416	"	0.831		92.1	32-122		7.73	30	
Benzo(a)pyrene	0.792	0.0416	"	0.831		95.3	29-133		8.32	30	
Benzo(b)fluoranthene	0.819	0.0416	"	0.831		98.6	25-133		10.5	30	
Benzo(g,h,i)perylene	0.840	0.0416	"	0.831		101	10-143		5.57	30	
Benzo(k)fluoranthene	0.781	0.0416	"	0.831		94.1	25-128		7.49	30	
Benzoic acid	0.219	0.0416	"	0.947		23.2	10-140		106	30	Non-dir.
Benzyl alcohol	0.781	0.0416	"	0.831		94.0	30-115		4.37	30	
Benzyl butyl phthalate	0.736	0.0416	"	0.831		88.6	26-126		8.39	30	
Bis(2-chloroethoxy)methane	0.661	0.0416	"	0.831		79.6	19-132		5.76	30	
Bis(2-chloroethyl)ether	0.630	0.0416	"	0.831		75.9	19-125		4.18	30	
Bis(2-chloroisopropyl)ether	0.650	0.0416	"	0.831		78.3	20-135		4.93	30	
Bis(2-ethylhexyl)phthalate	0.795	0.0416	"	0.831		95.7	10-155		5.76	30	
Caprolactam	0.833	0.0830	"	0.831		100	10-127		4.94	30	
Carbazole	0.690	0.0416	"	0.831		83.1	35-123		8.13	30	
Chrysene	0.744	0.0416	"	0.831		89.6	32-123		6.77	30	
Dibenzo(a,h)anthracene	0.867	0.0416	"	0.831		104	10-136		6.27	30	
Dibenzofuran	0.705	0.0416	"	0.831		84.8	29-121		6.79	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 BG00676 - EPA 3550C											
LCS Dup (BG00676-BSD1)									Prepared: 07/14/2020 Analyzed: 07/15/2020		
Diethyl phthalate	0.734	0.0416	mg/kg wet	0.831		88.3	34-116		9.98	30	
Dimethyl phthalate	0.706	0.0416	"	0.831		85.0	35-124		9.20	30	
Di-n-butyl phthalate	0.704	0.0416	"	0.831		84.7	31-116		7.10	30	
Di-n-octyl phthalate	0.876	0.0416	"	0.831		105	26-136		8.33	30	
Diphenylamine	1.07	0.0830	"	0.831		129	40-140		7.30	30	
Fluoranthene	0.783	0.0416	"	0.831		94.3	33-122		6.52	30	
Fluorene	0.748	0.0416	"	0.831		90.0	29-123		8.84	30	
Hexachlorobenzene	0.766	0.0416	"	0.831		92.2	21-124		3.58	30	
Hexachlorobutadiene	0.769	0.0416	"	0.831		92.6	10-149		3.56	30	
Hexachlorocyclopentadiene	0.642	0.0416	"	0.831		77.2	10-129		8.76	30	
Hexachloroethane	0.650	0.0416	"	0.831		78.3	28-108		7.95	30	
Indeno(1,2,3-cd)pyrene	0.851	0.0416	"	0.831		103	10-135		7.00	30	
Isophorone	0.719	0.0416	"	0.831		86.6	20-132		5.83	30	
Naphthalene	0.702	0.0416	"	0.831		84.5	23-124		5.16	30	
Nitrobenzene	0.710	0.0416	"	0.831		85.5	13-132		6.87	30	
N-Nitrosodimethylamine	0.470	0.0416	"	0.831		56.6	11-129		3.75	30	
N-nitroso-di-n-propylamine	0.688	0.0416	"	0.831		82.8	24-119		7.84	30	
N-Nitrosodiphenylamine	1.07	0.0416	"	0.831		129	22-152		6.00	30	
Pentachlorophenol	0.686	0.0416	"	0.831		82.6	10-139		8.75	30	
Phenanthrene	0.727	0.0416	"	0.831		87.6	33-123		6.11	30	
Phenol	0.748	0.0416	"	0.831		90.0	23-115		2.37	30	
Pyrene	0.733	0.0416	"	0.831		88.3	32-130		6.36	30	
Pyridine	0.373	0.166	"	0.831		45.0	10-91		7.53	30	
Surrogate: SURR: 2-Fluorophenol	*1.22*		"	*1.66*		*73.6*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.33*		"	*1.66*		*80.2*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.790*		"	*0.831*		*95.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.667*		"	*0.831*		*80.3*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.14*		"	*1.66*		*129*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.815*		"	*0.831*		*98.2*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BG00676 - EPA 3550C

Matrix Spike (BG00676-MS1) *Source sample: 20G0295-02 (EP15_e157) Prepared: 07/14/2020 Analyzed: 07/15/2020

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.539	0.0896	mg/kg dry	0.895	ND	60.2	10-130				
1,2,4,5-Tetrachlorobenzene	0.656	0.179	"	1.03	ND	63.7	10-133				
1,2-Diphenylhydrazine (as Azobenzene)	0.685	0.0896	"	0.895	ND	76.6	10-144				
2,3,4,6-Tetrachlorophenol	0.777	0.179	"	0.895	ND	86.8	30-130				
2,4,5-Trichlorophenol	0.583	0.0896	"	0.895	ND	65.1	10-127				
2,4,6-Trichlorophenol	0.721	0.0896	"	0.895	ND	80.6	10-132				
2,4-Dichlorophenol	0.613	0.0896	"	0.895	ND	68.5	10-128				
2,4-Dimethylphenol	0.551	0.0896	"	0.895	ND	61.5	10-137				
2,4-Dinitrophenol	ND	0.179	"	0.895	ND		10-171	Low Bias			
2,4-Dinitrotoluene	0.653	0.0896	"	0.895	ND	73.0	16-135				
2,6-Dinitrotoluene	0.690	0.0896	"	0.895	ND	77.0	18-131				
2-Chloronaphthalene	0.561	0.0896	"	0.895	ND	62.6	10-129				
2-Chlorophenol	0.556	0.0896	"	0.895	ND	62.1	15-116				
2-Methylnaphthalene	0.616	0.0896	"	0.895	ND	68.8	10-147				
2-Methylphenol	0.494	0.0896	"	0.895	ND	55.1	10-136				
2-Nitroaniline	0.791	0.179	"	0.895	ND	88.3	10-137				
2-Nitrophenol	0.564	0.0896	"	0.895	ND	63.0	10-129				
3- & 4-Methylphenols	0.456	0.0896	"	0.895	ND	50.9	10-123				
3,3-Dichlorobenzidine	0.727	0.0896	"	0.895	ND	81.2	10-155				
3-Nitroaniline	0.786	0.179	"	0.895	ND	87.8	12-133				
4,6-Dinitro-2-methylphenol	0.193	0.179	"	0.895	ND	21.5	10-155				
4-Bromophenyl phenyl ether	0.625	0.0896	"	0.895	ND	69.8	14-128				
4-Chloro-3-methylphenol	0.709	0.0896	"	0.895	ND	79.2	10-134				
4-Chloroaniline	0.530	0.0896	"	0.895	ND	59.2	10-145				
4-Chlorophenyl phenyl ether	0.625	0.0896	"	0.895	ND	69.8	14-130				
4-Nitroaniline	0.905	0.179	"	0.895	ND	101	10-147				
4-Nitrophenol	0.685	0.179	"	0.895	ND	76.6	10-137				
Acenaphthene	0.580	0.0896	"	0.895	ND	64.8	10-146				
Acenaphthylene	0.571	0.0896	"	0.895	ND	63.8	10-134				
Acetophenone	0.567	0.0896	"	0.895	ND	63.4	10-116				
Aniline	0.429	0.359	"	0.895	ND	47.9	10-123				
Anthracene	0.625	0.0896	"	0.895	ND	69.8	10-142				
Atrazine	0.697	0.0896	"	0.895	ND	77.8	19-115				
Benzaldehyde	0.509	0.0896	"	0.895	ND	56.8	10-125				
Benzo(a)anthracene	0.680	0.0896	"	0.895	ND	76.0	10-158				
Benzo(a)pyrene	0.694	0.0896	"	0.895	ND	77.5	10-180				
Benzo(b)fluoranthene	0.720	0.0896	"	0.895	ND	80.4	10-200				
Benzo(g,h,i)perylene	0.686	0.0896	"	0.895	ND	76.6	10-138				
Benzo(k)fluoranthene	0.692	0.0896	"	0.895	ND	77.3	10-197				
Benzoic acid	0.131	0.0896	"	1.02	ND	12.8	10-166				
Benzyl alcohol	0.614	0.0896	"	0.895	ND	68.6	12-124				
Benzyl butyl phthalate	0.652	0.0896	"	0.895	ND	72.8	10-154				
Bis(2-chloroethoxy)methane	0.519	0.0896	"	0.895	ND	57.9	10-132				
Bis(2-chloroethyl)ether	0.503	0.0896	"	0.895	ND	56.2	10-119				
Bis(2-chloroisopropyl)ether	0.527	0.0896	"	0.895	ND	58.9	10-139				
Bis(2-ethylhexyl)phthalate	0.707	0.0896	"	0.895	ND	79.0	10-167				
Caprolactam	0.592	0.179	"	0.895	ND	66.2	10-132				
Carbazole	0.617	0.0896	"	0.895	ND	68.9	10-167				
Chrysene	0.674	0.0896	"	0.895	ND	75.3	10-156				
Dibenzo(a,h)anthracene	0.726	0.0896	"	0.895	ND	81.1	10-137				
Dibenzofuran	0.587	0.0896	"	0.895	ND	65.5	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 BG00676 - EPA 3550C											
Matrix Spike (BG00676-MS1)	*Source sample: 20G0295-02 (EP15_e157)							Prepared: 07/14/2020 Analyzed: 07/15/2020			
Diethyl phthalate	0.620	0.0896	mg/kg dry	0.895	ND	69.3	20-120				
Dimethyl phthalate	0.602	0.0896	"	0.895	ND	67.3	18-131				
Di-n-butyl phthalate	0.638	0.0896	"	0.895	ND	71.3	10-137				
Di-n-octyl phthalate	0.800	0.0896	"	0.895	ND	89.4	10-180				
Diphenylamine	0.890	0.179	"	0.895	ND	99.4	40-140				
Fluoranthene	0.715	0.0896	"	0.895	ND	79.8	10-160				
Fluorene	0.636	0.0896	"	0.895	ND	71.0	10-157				
Hexachlorobenzene	0.633	0.0896	"	0.895	ND	70.7	10-137				
Hexachlorobutadiene	0.604	0.0896	"	0.895	ND	67.4	10-132				
Hexachlorocyclopentadiene	0.0580	0.0896	"	0.895	ND	6.48	10-106	Low Bias			
Hexachloroethane	0.351	0.0896	"	0.895	ND	39.2	10-110				
Indeno(1,2,3-cd)pyrene	0.697	0.0896	"	0.895	ND	77.8	10-144				
Isophorone	0.581	0.0896	"	0.895	ND	64.9	10-132				
Naphthalene	0.578	0.0896	"	0.895	ND	64.6	10-141				
Nitrobenzene	0.556	0.0896	"	0.895	ND	62.1	10-131				
N-Nitrosodimethylamine	0.333	0.0896	"	0.895	ND	37.2	10-126				
N-nitroso-di-n-propylamine	0.558	0.0896	"	0.895	ND	62.3	10-125				
N-Nitrosodiphenylamine	0.860	0.0896	"	0.895	ND	96.1	10-177				
Pentachlorophenol	0.568	0.0896	"	0.895	ND	63.4	10-153				
Phenanthrene	0.637	0.0896	"	0.895	ND	71.1	10-148				
Phenol	0.585	0.0896	"	0.895	ND	65.4	10-126				
Pyrene	0.662	0.0896	"	0.895	ND	73.9	10-165				
Pyridine	ND	0.359	"	0.895	ND		10-83	Low Bias			
Surrogate: SURR: 2-Fluorophenol	*0.971*		"	*1.79*		*54.2*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.09*		"	*1.79*		*60.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.641*		"	*0.895*		*71.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.560*		"	*0.895*		*62.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.94*		"	*1.79*		*108*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.754*		"	*0.895*		*84.2*	*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 BG00549 - EPA 3550C											
Blank (BG00549-BLK1)											Prepared: 07/13/2020 Analyzed: 07/14/2020
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	"								
Chlordane, total	ND	0.0329	"								
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	0.00822	"								
Toxaphene	ND	0.0832	"								
Surrogate: Decachlorobiphenyl	*0.0636*		*"*	*0.0664*		*95.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0437*		*"*	*0.0664*		*65.8*	*30-150*				
LCS (BG00549-BS1)											Prepared: 07/13/2020 Analyzed: 07/14/2020
4,4'-DDD	0.0217	0.00164	mg/kg wet	0.0332		65.3	40-140				
4,4'-DDE	0.0186	0.00164	"	0.0332		55.9	40-140				
4,4'-DDT	0.0232	0.00164	"	0.0332		69.8	40-140				
Aldrin	0.0168	0.00164	"	0.0332		50.7	40-140				
alpha-BHC	0.0187	0.00164	"	0.0332		56.2	40-140				
alpha-Chlordane	0.0184	0.00164	"	0.0332		55.5	40-140				
beta-BHC	0.0198	0.00164	"	0.0332		59.7	40-140				
delta-BHC	0.0171	0.00164	"	0.0332		51.4	40-140				
Dieldrin	0.0189	0.00164	"	0.0332		57.0	40-140				
Endosulfan I	0.0191	0.00164	"	0.0332		57.6	40-140				
Endosulfan II	0.0192	0.00164	"	0.0332		57.7	40-140				
Endosulfan sulfate	0.0202	0.00164	"	0.0332		60.7	40-140				
Endrin	0.0205	0.00164	"	0.0332		61.7	40-140				
Endrin aldehyde	0.0192	0.00164	"	0.0332		57.7	40-140				
Endrin ketone	0.0214	0.00164	"	0.0332		64.4	40-140				
gamma-BHC (Lindane)	0.0193	0.00164	"	0.0332		58.1	40-140				
gamma-Chlordane	0.0186	0.00164	"	0.0332		56.0	40-140				
Heptachlor	0.0211	0.00164	"	0.0332		63.4	40-140				
Heptachlor epoxide	0.0198	0.00164	"	0.0332		59.7	40-140				
Methoxychlor	0.0255	0.00822	"	0.0332		76.9	40-140				
Surrogate: Decachlorobiphenyl	*0.0707*		*"*	*0.0664*		*106*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0483*		*"*	*0.0664*		*72.6*	*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 Y0G1403 - BF00756											
Performance Mix (Y0G1403-PEM1)							Prepared & Analyzed: 07/13/2020				
4,4'-DDD	7.08		ng/mL	0.00			0-200				
4,4'-DDE	1.79		"	0.00			0-200				
4,4'-DDT	356		"	200		178	0-200				
Endrin	198		"	100		198	0-200				
Endrin aldehyde	6.28		"	0.00			0-200				
Endrin ketone	7.46		"	0.00			0-200				
Batch Y0G1508 - BF00756											
Performance Mix (Y0G1508-PEM1)							Prepared & Analyzed: 07/14/2020				
4,4'-DDD	3.48		ng/mL	0.00			0-200				
4,4'-DDE	1.40		"	0.00			0-200				
4,4'-DDT	161		"	200		80.4	0-200				
Endrin	79.1		"	100		79.1	0-200				
Endrin aldehyde	2.84		"	0.00			0-200				
Endrin ketone	2.99		"	0.00			0-200				
Batch Y0G1521 - BF00591											
Performance Mix (Y0G1521-PEM1)							Prepared & Analyzed: 07/14/2020				
4,4'-DDD	15.0		ng/mL	0.00			0-200				
4,4'-DDE	4.08		"	0.00			0-200				
4,4'-DDT	245		"	200		122	0-200				
Endrin	131		"	100		131	0-200				
Endrin aldehyde	1.24		"	0.00			0-200				
Endrin ketone	7.58		"	0.00			0-200				

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 BG00432 - EPA 3050B											
Blank (BG00432-BLK1)											Prepared: 07/09/2020 Analyzed: 07/10/2020
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 (BG00432-SRM1)											Prepared: 07/09/2020 Analyzed: 07/10/2020
Aluminum	9080	5.00	mg/kg wet	8460		107	50.5-150.1				
Antimony	70.8	2.50	"	120		59.0	19-251.7				
Arsenic	110	1.50	"	95.5		116	70.1-129.8				
Barium	342	2.50	"	300		114	75-125				
Beryllium	114	0.050	"	103		110	75-125.2				
Cadmium	150	0.300	"	135		111	74.8-125.2				
Calcium	5180	5.00	"	4720		110	72.7-127.5				
Chromium	163	0.500	"	147		111	70.1-129.9				
Cobalt	51.4	0.400	"	43.2		119	75-125				
Copper	176	2.00	"	150		117	75.3-125.3				
Iron	15400	25.0	"	14400		107	35.8-164.6				
Lead	104	0.500	"	92.3		112	70-130				
Magnesium	2500	5.00	"	2300		109	61.7-137.8				
Manganese	752	0.500	"	677		111	78.1-122				
Nickel	79.8	1.00	"	59.8		134	70.1-130.1	High Bias			
Potassium	2180	5.00	"	2030		107	59.1-140.9				
Selenium	28.8	2.50	"	42.0		68.6	55.7-144.5				
Silver	45.3	0.500	"	40.3		113	69.2-130.8				
Sodium	148	50.0	"	139		107	36.1-163.3				
Thallium	90.2	2.50	"	83.1		109	65.3-146.8				
Vanadium	102	1.00	"	96.9		106	67-133.1				
Zinc	407	2.50	"	369		110	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 BG00445 - EPA 7473 soil											
Blank (BG00445-BLK1)									Prepared & Analyzed: 07/09/2020		
Mercury	ND	0.0300	mg/kg wet								
Reference (BG00445-SRM1)									Prepared & Analyzed: 07/09/2020		
Mercury	3.5708		mg/kg	3.71		96.2	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 BG00562 - Analysis Preparation Soil											
Blank (BG00562-BLK1)									Prepared & Analyzed: 07/13/2020		
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BG00562-SRM1)									Prepared & Analyzed: 07/13/2020		
Cyanide, total	69.4		ug/mL	96.2		72.2	42.41-156.96				
Batch BG00563 - EPA SW846-3060											
Blank (BG00563-BLK1)									Prepared & Analyzed: 07/13/2020		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BG00563-SRM1)									Prepared & Analyzed: 07/13/2020		
Chromium, Hexavalent	66.5		mg/L	92.5		71.9	25.95-196.76				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20G0295-01	TB01_070820	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20G0295-02	EP15_e157	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.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
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.

York Analytical Laboratories, Inc.
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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. 20G0295

Page 1 of 1

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: LANGAN	Company:	Company:	170384501	RUSH - Next Day VOCs ONLY X
Address: 360 W 31 ST, 8W FLOOR, NY	Address:	Address:	YOUR Project Name: 805-825 ATLANTIC AVE	RUSH - Two Day
Phone.: 2124709500	Phone.:	Phone.:		RUSH - Three Day
Contact: KIM SCHON	Contact:	Contact:		RUSH - Four Day
E-mail: KSCHON@LANGAN.COM	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day) X

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

TOM MASMONTI
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 | 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
TB01-070820	AQ	1000 7/8/20	TCL/TAL PART 375 VOCs	
EB15-E157	S	900 7/8/20	TCL/TAL PART 375 VOCs	
			TCL/TAL PART 375 SVOCs	
			TCL/TAL PART 375 METALS	
			PESTICIDES	
			TCN	
			TRI/HEX CHROM	

Comments: 24 HOUR TAT for VOCs
STANDARD TAT for remaining analytes

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
TMASMONTI/LANGAN	7/8/2020 1229		7-8-20 1229		7-8-20 1600
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
	7/8/20		7/8/20 1800		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
					7/8/2020 1800 2.9 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: 08/18/2020
Client Project ID: 170384501
York Project (SDG) No.: 20H0355

Report Date: 08/18/2020
Client Project ID: 170384501
York Project (SDG) No.: 20H0355

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 August 11, 2020 and listed below. The project was identified as your project: **170384501**.

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
20H0355-01	EP16_e160	Soil	08/11/2020	08/11/2020
20H0355-02	TB01_081120	Water	08/11/2020	08/11/2020

General Notes for York Project (SDG) No.: 20H0355

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: 08/18/2020

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: EP16_e160 **York Sample ID:** 20H0355-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0355	170384501	Soil	August 11, 2020 8:00 am	08/11/2020

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	08/11/2020 15:19	08/11/2020 18:27	TMP
								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	08/11/2020 15:19	08/11/2020 18:27	TMP
								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	08/11/2020 15:19	08/11/2020 18:27	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	0.0024	0.0048	1	EPA 8260C	08/11/2020 15:19	08/11/2020 18:27	TMP
								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	08/11/2020 15:19	08/11/2020 18:27	TMP
								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	08/11/2020 15:19	08/11/2020 18:27	TMP
								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	08/11/2020 15:19	08/11/2020 18:27	TMP
								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	08/11/2020 15:19	08/11/2020 18:27	TMP
								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	08/11/2020 15:19	08/11/2020 18:27	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/11/2020 15:19	08/11/2020 18:27	TMP
								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	08/11/2020 15:19	08/11/2020 18:27	TMP
								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	08/11/2020 15:19	08/11/2020 18:27	TMP
								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	08/11/2020 15:19	08/11/2020 18:27	TMP
								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	08/11/2020 15:19	08/11/2020 18:27	TMP
								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	08/11/2020 15:19	08/11/2020 18:27	TMP
								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	08/11/2020 15:19	08/11/2020 18:27	TMP
								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	08/11/2020 15:19	08/11/2020 18:27	TMP
								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	08/11/2020 15:19	08/11/2020 18:27	TMP
								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	08/11/2020 15:19	08/11/2020 18:27	TMP
								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	08/11/2020 15:19	08/11/2020 18:27	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/11/2020 15:19	08/11/2020 18:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP16_e160 **York Sample ID:** 20H0355-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0355	170384501	Soil	August 11, 2020 8:00 am	08/11/2020

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	08/11/2020 15:19	08/11/2020 18:27	TMP
								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	08/11/2020 15:19	08/11/2020 18:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C	08/11/2020 15:19	08/11/2020 18:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C	08/11/2020 15:19	08/11/2020 18:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/11/2020 15:19	08/11/2020 18:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/11/2020 15:19	08/11/2020 18:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/11/2020 15:19	08/11/2020 18:27	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/11/2020 15:19	08/11/2020 18:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/11/2020 15:19	08/11/2020 18:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/11/2020 15:19	08/11/2020 18:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/11/2020 15:19	08/11/2020 18:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/11/2020 15:19	08/11/2020 18:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/11/2020 15:19	08/11/2020 18:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/11/2020 15:19	08/11/2020 18:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/11/2020 15:19	08/11/2020 18:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/11/2020 15:19	08/11/2020 18:27	TMP
								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	08/11/2020 15:19	08/11/2020 18:27	TMP
								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	08/11/2020 15:19	08/11/2020 18:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/11/2020 15:19	08/11/2020 18:27	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/11/2020 15:19	08/11/2020 18:27	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/11/2020 15:19	08/11/2020 18:27	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/11/2020 15:19	08/11/2020 18:27	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP16_e160 **York Sample ID:** 20H0355-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0355	170384501	Soil	August 11, 2020 8:00 am	08/11/2020

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	08/11/2020 15:19	08/11/2020 18:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/11/2020 15:19	08/11/2020 18:27	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/11/2020 15:19	08/11/2020 18:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/11/2020 15:19	08/11/2020 18:27	TMP
								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	08/11/2020 15:19	08/11/2020 18:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/11/2020 15:19	08/11/2020 18:27	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C	08/11/2020 15:19	08/11/2020 18:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/11/2020 15:19	08/11/2020 18:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/11/2020 15:19	08/11/2020 18:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/11/2020 15:19	08/11/2020 18:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C	08/11/2020 15:19	08/11/2020 18:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/11/2020 15:19	08/11/2020 18:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/11/2020 15:19	08/11/2020 18:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/11/2020 15:19	08/11/2020 18:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/11/2020 15:19	08/11/2020 18:27	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/11/2020 15:19	08/11/2020 18:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/11/2020 15:19	08/11/2020 18:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/11/2020 15:19	08/11/2020 18:27	TMP
								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	08/11/2020 15:19	08/11/2020 18:27	TMP
								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	08/11/2020 15:19	08/11/2020 18:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/11/2020 15:19	08/11/2020 18:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/11/2020 15:19	08/11/2020 18:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP16_e160 **York Sample ID:** 20H0355-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0355	170384501	Soil	August 11, 2020 8:00 am	08/11/2020

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	08/11/2020 15:19	08/11/2020 18:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0072	0.014	1	EPA 8260C	08/11/2020 15:19	08/11/2020 18:27	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*90.6 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.9 %*	*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	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP16_e160 **York Sample ID:** 20H0355-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0355	170384501	Soil	August 11, 2020 8:00 am	08/11/2020

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	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.181	0.362	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.181	0.362	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP16_e160 **York Sample ID:** 20H0355-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0355	170384501	Soil	August 11, 2020 8:00 am	08/11/2020

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	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0940**		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.0607**	J	mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP16_e160 **York Sample ID:** 20H0355-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0355	170384501	Soil	August 11, 2020 8:00 am	08/11/2020

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	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.0484**	J	mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.0651**	J	mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.181	0.362	2	EPA 8270D	08/14/2020 14:16	08/17/2020 15:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*57.3 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*61.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*74.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*54.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*61.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*67.0 %*	*24-116*

Sample Information

Client Sample ID: EP16_e160 **York Sample ID:** 20H0355-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0355	170384501	Soil	August 11, 2020 8:00 am	08/11/2020

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	0.00179	5	EPA 8081B	08/17/2020 06:21	08/18/2020 10:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00179	5	EPA 8081B	08/17/2020 06:21	08/18/2020 10:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00179	5	EPA 8081B	08/17/2020 06:21	08/18/2020 10:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	08/17/2020 06:21	08/18/2020 10:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	08/17/2020 06:21	08/18/2020 10:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	08/17/2020 06:21	08/18/2020 10:39	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	08/17/2020 06:21	08/18/2020 10:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0359	5	EPA 8081B	08/17/2020 06:21	08/18/2020 10:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	08/17/2020 06:21	08/18/2020 10:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	08/17/2020 06:21	08/18/2020 10:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00179	5	EPA 8081B	08/17/2020 06:21	08/18/2020 10:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00179	5	EPA 8081B	08/17/2020 06:21	08/18/2020 10:39	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00179	5	EPA 8081B	08/17/2020 06:21	08/18/2020 10:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00179	5	EPA 8081B	08/17/2020 06:21	08/18/2020 10:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00179	5	EPA 8081B	08/17/2020 06:21	08/18/2020 10:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00179	5	EPA 8081B	08/17/2020 06:21	08/18/2020 10:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00179	5	EPA 8081B	08/17/2020 06:21	08/18/2020 10:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	08/17/2020 06:21	08/18/2020 10:39	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00179	5	EPA 8081B	08/17/2020 06:21	08/18/2020 10:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00179	5	EPA 8081B	08/17/2020 06:21	08/18/2020 10:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00897	5	EPA 8081B	08/17/2020 06:21	08/18/2020 10:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP16_e160 **York Sample ID:** 20H0355-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0355	170384501	Soil	August 11, 2020 8:00 am	08/11/2020

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
8001-35-2	Toxaphene	ND		mg/kg dry	0.0908	5	EPA 8081B	08/17/2020 06:21	08/18/2020 10:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*89.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.9 %*	*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**	**7050**		mg/kg dry	5.46	1	EPA 6010D	08/12/2020 08:25	08/13/2020 17:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.73	1	EPA 6010D	08/12/2020 08:25	08/13/2020 17:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**3.45**		mg/kg dry	1.64	1	EPA 6010D	08/12/2020 08:25	08/13/2020 17:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**54.4**		mg/kg dry	2.73	1	EPA 6010D	08/12/2020 08:25	08/13/2020 17:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.055	1	EPA 6010D	08/12/2020 08:25	08/13/2020 17:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.327	1	EPA 6010D	08/12/2020 08:25	08/13/2020 17:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**12800**		mg/kg dry	5.46	1	EPA 6010D	08/12/2020 08:25	08/13/2020 17:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**20.4**		mg/kg dry	0.546	1	EPA 6010D	08/12/2020 08:25	08/13/2020 17:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**9.88**		mg/kg dry	0.437	1	EPA 6010D	08/12/2020 08:25	08/13/2020 17:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**29.4**		mg/kg dry	2.18	1	EPA 6010D	08/12/2020 08:25	08/13/2020 17:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**14000**		mg/kg dry	27.3	1	EPA 6010D	08/12/2020 08:25	08/13/2020 17:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**18.5**		mg/kg dry	0.546	1	EPA 6010D	08/12/2020 08:25	08/13/2020 17:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3550**		mg/kg dry	5.46	1	EPA 6010D	08/12/2020 08:25	08/13/2020 17:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**323**		mg/kg dry	0.546	1	EPA 6010D	08/12/2020 08:25	08/13/2020 17:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**37.3**		mg/kg dry	1.09	1	EPA 6010D	08/12/2020 08:25	08/13/2020 17:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1540**		mg/kg dry	5.46	1	EPA 6010D	08/12/2020 08:25	08/13/2020 17:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP16_e160 **York Sample ID:** 20H0355-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0355	170384501	Soil	August 11, 2020 8:00 am	08/11/2020

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
7782-49-2	Selenium	ND		mg/kg dry	2.73	1	EPA 6010D	08/12/2020 08:25	08/13/2020 17:41	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.546	1	EPA 6010D	08/12/2020 08:25	08/13/2020 17:41	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**188**		mg/kg dry	54.6	1	EPA 6010D	08/12/2020 08:25	08/13/2020 17:41	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.73	1	EPA 6010D	08/12/2020 08:25	08/13/2020 17:41	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**30.1**		mg/kg dry	1.09	1	EPA 6010D	08/12/2020 08:25	08/13/2020 17:41	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**47.0**		mg/kg dry	2.73	1	EPA 6010D	08/12/2020 08:25	08/13/2020 17:41	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	ND		mg/kg dry	0.0327	1	EPA 7473	08/11/2020 16:04	08/11/2020 22:11	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	0.546	1	EPA 7196A	08/14/2020 13:27	08/14/2020 22:02	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**	**20.4**		mg/kg	0.500	1	Calculation	08/18/2020 12:44	08/18/2020 13:15	PAM
							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	0.546	1	EPA 9014/9010C	08/14/2020 13:22	08/14/2020 22:02	MAO
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: EP16_e160 **York Sample ID:** 20H0355-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0355	170384501	Soil	August 11, 2020 8:00 am	08/11/2020

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	08/12/2020 08:01	08/12/2020 13:50	WJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: TB01_081120 **York Sample ID:** 20H0355-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0355	170384501	Water	August 11, 2020 9:00 am	08/11/2020

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	08/11/2020 21:23	08/12/2020 00:21	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	08/11/2020 21:23	08/12/2020 00:21	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	08/11/2020 21:23	08/12/2020 00:21	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	08/11/2020 21:23	08/12/2020 00:21	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	08/11/2020 21:23	08/12/2020 00:21	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	08/11/2020 21:23	08/12/2020 00:21	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	08/11/2020 21:23	08/12/2020 00:21	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	08/11/2020 21:23	08/12/2020 00:21	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	08/11/2020 21:23	08/12/2020 00:21	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	08/11/2020 21:23	08/12/2020 00:21	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	08/11/2020 21:23	08/12/2020 00:21	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	08/11/2020 21:23	08/12/2020 00:21	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	08/11/2020 21:23	08/12/2020 00:21	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	08/11/2020 21:23	08/12/2020 00:21	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	08/11/2020 21:23	08/12/2020 00:21	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	08/11/2020 21:23	08/12/2020 00:21	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	08/11/2020 21:23	08/12/2020 00:21	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	08/11/2020 21:23	08/12/2020 00:21	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	08/11/2020 21:23	08/12/2020 00:21	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	08/11/2020 21:23	08/12/2020 00:21	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**1.08**	Cal-E	ug/L	0.200	0.500	1	EPA 8260C	08/11/2020 21:23	08/12/2020 00:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB01_081120 **York Sample ID:** 20H0355-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0355	170384501	Water	August 11, 2020 9:00 am	08/11/2020

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	08/11/2020 21:23	08/12/2020 00:21	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	08/11/2020 21:23	08/12/2020 00:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**5.07**		ug/L	1.00	2.00	1	EPA 8260C	08/11/2020 21:23	08/12/2020 00:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	08/11/2020 21:23	08/12/2020 00:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	08/11/2020 21:23	08/12/2020 00:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/11/2020 21:23	08/12/2020 00:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/11/2020 21:23	08/12/2020 00:21	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/11/2020 21:23	08/12/2020 00:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	08/11/2020 21:23	08/12/2020 00:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/11/2020 21:23	08/12/2020 00:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	08/11/2020 21:23	08/12/2020 00:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	08/11/2020 21:23	08/12/2020 00:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/11/2020 21:23	08/12/2020 00:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/11/2020 21:23	08/12/2020 00:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	08/11/2020 21:23	08/12/2020 00:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/11/2020 21:23	08/12/2020 00:21	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	08/11/2020 21:23	08/12/2020 00:21	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	08/11/2020 21:23	08/12/2020 00:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/11/2020 21:23	08/12/2020 00:21	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/11/2020 21:23	08/12/2020 00:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/11/2020 21:23	08/12/2020 00:21	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/11/2020 21:23	08/12/2020 00:21	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB01_081120 **York Sample ID:** 20H0355-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0355	170384501	Water	August 11, 2020 9:00 am	08/11/2020

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	08/11/2020 21:23	08/12/2020 00:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/11/2020 21:23	08/12/2020 00:21	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/11/2020 21:23	08/12/2020 00:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	08/11/2020 21:23	08/12/2020 00:21	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	08/11/2020 21:23	08/12/2020 00:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/11/2020 21:23	08/12/2020 00:21	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	08/11/2020 21:23	08/12/2020 00:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/11/2020 21:23	08/12/2020 00:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/11/2020 21:23	08/12/2020 00:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/11/2020 21:23	08/12/2020 00:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	08/11/2020 21:23	08/12/2020 00:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/11/2020 21:23	08/12/2020 00:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/11/2020 21:23	08/12/2020 00:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/11/2020 21:23	08/12/2020 00:21	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	08/11/2020 21:23	08/12/2020 00:21	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/11/2020 21:23	08/12/2020 00:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/11/2020 21:23	08/12/2020 00:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	**Toluene**	**0.220**		ug/L	0.200	0.500	1	EPA 8260C	08/11/2020 21:23	08/12/2020 00:21	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	08/11/2020 21:23	08/12/2020 00:21	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	08/11/2020 21:23	08/12/2020 00:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/11/2020 21:23	08/12/2020 00:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/11/2020 21:23	08/12/2020 00:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB01_081120 **York Sample ID:** 20H0355-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0355	170384501	Water	August 11, 2020 9:00 am	08/11/2020

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	08/11/2020 21:23	08/12/2020 00:21	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	08/11/2020 21:23	08/12/2020 00:21	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*	*95.0 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*79-122*

Analytical Batch Summary

Batch ID: BH00569 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20H0355-01	EP16_e160	08/11/20
BH00569-BLK1	Blank	08/11/20
BH00569-SRM1	Reference	08/11/20

Batch ID: BH00587 **Preparation Method:** % Solids Prep **Prepared By:** WJM

YORK Sample ID	Client Sample ID	Preparation Date
20H0355-01	EP16_e160	08/12/20

Batch ID: BH00607 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20H0355-01	EP16_e160	08/12/20
BH00607-BLK1	Blank	08/12/20
BH00607-SRM1	Reference	08/12/20

Batch ID: BH00640 **Preparation Method:** EPA 5035A **Prepared By:** TMP

YORK Sample ID	Client Sample ID	Preparation Date
20H0355-01	EP16_e160	08/11/20
BH00640-BLK1	Blank	08/11/20
BH00640-BLK2	Blank	08/11/20
BH00640-BS1	LCS	08/11/20
BH00640-BSD1	LCS Dup	08/11/20

Batch ID: BH00641 **Preparation Method:** EPA 5030B **Prepared By:** TMP

YORK Sample ID	Client Sample ID	Preparation Date
20H0355-02	TB01_081120	08/11/20
BH00641-BLK1	Blank	08/11/20
BH00641-BS1	LCS	08/11/20
BH00641-BSD1	LCS Dup	08/11/20

Batch ID: BH00827 **Preparation Method:** Analysis Preparation Soil **Prepared By:** MAO

YORK Sample ID	Client Sample ID	Preparation Date
20H0355-01	EP16_e160	08/14/20
BH00827-BLK1	Blank	08/14/20
BH00827-SRM1	Reference	08/14/20

Batch ID: BH00828 **Preparation Method:** EPA SW846-3060 **Prepared By:** MAO

YORK Sample ID	Client Sample ID	Preparation Date
20H0355-01	EP16_e160	08/14/20
BH00828-BLK1	Blank	08/14/20
BH00828-SRM1	Reference	08/14/20

Batch ID: BH00834 **Preparation Method:** EPA 3550C **Prepared By:** LJ

YORK Sample ID	Client Sample ID	Preparation Date
20H0355-01	EP16_e160	08/14/20
BH00834-BLK1	Blank	08/14/20
BH00834-BS1	LCS	08/14/20

Batch ID: BH00849 **Preparation Method:** EPA 3550C **Prepared By:** TSS

YORK Sample ID	Client Sample ID	Preparation Date
20H0355-01	EP16_e160	08/17/20
BH00849-BLK1	Blank	08/17/20
BH00849-BS1	LCS	08/17/20

Batch ID: BH00970 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
20H0355-01	EP16_e160	08/18/20

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 BH00640 - EPA 5035A											
Blank (BH00640-BLK1)											Prepared & Analyzed: 08/11/2020
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 BH00640 - EPA 5035A											
Blank (BH00640-BLK1)									Prepared & Analyzed: 08/11/2020		
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	*45.9*		*ug/L*	*50.0*		*91.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.6*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.7*		*"*	*50.0*		*103*	*76-130*				
Blank (BH00640-BLK2)									Prepared & Analyzed: 08/11/2020		
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 BH00640 - EPA 5035A											
Blank (BH00640-BLK2)									Prepared & Analyzed: 08/11/2020		
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	*44.1*		*ug/L*	*50.0*		*88.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.5*		*"*	*50.0*		*99.0*	*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 BH00640 - EPA 5035A											
LCS (BH00640-BS1)								Prepared & Analyzed: 08/11/2020			
1,1,1,2-Tetrachloroethane	37.0		ug/L	50.0		74.1	75-129	Low Bias			
1,1,1-Trichloroethane	47.0		"	50.0		93.9	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)	49.0		"	50.0		98.0	58-146				
1,1,2-Trichloroethane	46.3		"	50.0		92.5	83-123				
1,1-Dichloroethane	46.8		"	50.0		93.6	75-130				
1,1-Dichloroethylene	50.0		"	50.0		99.9	64-137				
1,2,3-Trichlorobenzene	49.8		"	50.0		99.7	81-140				
1,2,3-Trichloropropane	44.7		"	50.0		89.5	81-126				
1,2,4-Trichlorobenzene	49.7		"	50.0		99.5	80-141				
1,2,4-Trimethylbenzene	46.2		"	50.0		92.4	84-125				
1,2-Dibromo-3-chloropropane	50.0		"	50.0		99.9	74-142				
1,2-Dibromoethane	46.8		"	50.0		93.6	86-123				
1,2-Dichlorobenzene	47.8		"	50.0		95.6	85-122				
1,2-Dichloroethane	42.1		"	50.0		84.2	71-133				
1,2-Dichloropropane	45.2		"	50.0		90.5	81-122				
1,3,5-Trimethylbenzene	47.2		"	50.0		94.4	82-126				
1,3-Dichlorobenzene	48.4		"	50.0		96.7	84-124				
1,4-Dichlorobenzene	48.7		"	50.0		97.4	84-124				
1,4-Dioxane	1050		"	1050		100	10-228				
2-Butanone	52.8		"	50.0		106	58-147				
2-Hexanone	46.4		"	50.0		92.8	70-139				
4-Methyl-2-pentanone	46.5		"	50.0		93.0	72-132				
Acetone	31.7		"	50.0		63.4	36-155				
Acrolein	41.1		"	50.0		82.3	10-238				
Acrylonitrile	52.1		"	50.0		104	66-141				
Benzene	49.0		"	50.0		98.1	77-127				
Bromochloromethane	44.4		"	50.0		88.8	74-129				
Bromodichloromethane	46.3		"	50.0		92.5	81-124				
Bromoform	39.8		"	50.0		79.5	80-136	Low Bias			
Bromomethane	58.1		"	50.0		116	32-177				
Carbon disulfide	56.6		"	50.0		113	10-136				
Carbon tetrachloride	48.6		"	50.0		97.1	66-143				
Chlorobenzene	47.6		"	50.0		95.2	86-120				
Chloroethane	53.3		"	50.0		107	51-142				
Chloroform	46.0		"	50.0		91.9	76-131				
Chloromethane	61.6		"	50.0		123	49-132				
cis-1,2-Dichloroethylene	46.2		"	50.0		92.4	74-132				
cis-1,3-Dichloropropylene	46.8		"	50.0		93.6	81-129				
Cyclohexane	50.5		"	50.0		101	70-130				
Dibromochloromethane	49.6		"	50.0		99.1	10-200				
Dibromomethane	44.2		"	50.0		88.5	83-124				
Dichlorodifluoromethane	82.4		"	50.0		165	28-158	High Bias			
Ethyl Benzene	47.2		"	50.0		94.3	84-125				
Hexachlorobutadiene	50.3		"	50.0		101	83-133				
Isopropylbenzene	46.8		"	50.0		93.7	81-127				
Methyl acetate	41.0		"	50.0		81.9	41-143				
Methyl tert-butyl ether (MTBE)	44.2		"	50.0		88.3	74-131				
Methylcyclohexane	52.2		"	50.0		104	70-130				
Methylene chloride	47.9		"	50.0		95.8	57-141				
n-Butylbenzene	48.0		"	50.0		96.0	80-130				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH00640 - EPA 5035A											
LCS (BH00640-BS1)							Prepared & Analyzed: 08/11/2020				
n-Propylbenzene	47.4		ug/L	50.0		94.7	74-136				
o-Xylene	45.6		"	50.0		91.2	83-123				
p- & m- Xylenes	94.5		"	100		94.5	82-128				
p-Isopropyltoluene	48.6		"	50.0		97.3	85-125				
sec-Butylbenzene	51.5		"	50.0		103	83-125				
Styrene	48.1		"	50.0		96.1	86-126				
tert-Butyl alcohol (TBA)	228		"	250		91.4	70-130				
tert-Butylbenzene	47.1		"	50.0		94.1	80-127				
Tetrachloroethylene	48.1		"	50.0		96.3	80-129				
Toluene	48.8		"	50.0		97.6	85-121				
trans-1,2-Dichloroethylene	49.9		"	50.0		99.8	72-132				
trans-1,3-Dichloropropylene	44.6		"	50.0		89.2	78-132				
Trichloroethylene	49.1		"	50.0		98.1	84-123				
Trichlorofluoromethane	46.6		"	50.0		93.2	62-140				
Vinyl Chloride	60.4		"	50.0		121	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*44.7*		*"*	*50.0*		*89.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.2*		*"*	*50.0*		*100*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.8*		*"*	*50.0*		*97.6*	*76-130*				
LCS Dup (BH00640-BSD1)							Prepared & Analyzed: 08/11/2020				
1,1,1,2-Tetrachloroethane	33.7		ug/L	50.0		67.5	75-129	Low Bias	9.33	30	
1,1,1-Trichloroethane	42.9		"	50.0		85.9	71-137		8.95	30	
1,1,2,2-Tetrachloroethane	46.0		"	50.0		92.0	79-129		6.93	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	40.4		"	50.0		80.8	58-146		19.2	30	
1,1,2-Trichloroethane	43.9		"	50.0		87.7	83-123		5.33	30	
1,1-Dichloroethane	42.7		"	50.0		85.5	75-130		9.05	30	
1,1-Dichloroethylene	40.9		"	50.0		81.8	64-137		19.9	30	
1,2,3-Trichlorobenzene	42.6		"	50.0		85.2	81-140		15.6	30	
1,2,3-Trichloropropane	43.6		"	50.0		87.1	81-126		2.67	30	
1,2,4-Trichlorobenzene	39.5		"	50.0		78.9	80-141	Low Bias	23.0	30	
1,2,4-Trimethylbenzene	41.0		"	50.0		81.9	84-125	Low Bias	12.0	30	
1,2-Dibromo-3-chloropropane	40.9		"	50.0		81.8	74-142		19.9	30	
1,2-Dibromoethane	44.2		"	50.0		88.4	86-123		5.69	30	
1,2-Dichlorobenzene	44.0		"	50.0		87.9	85-122		8.39	30	
1,2-Dichloroethane	38.5		"	50.0		77.0	71-133		8.96	30	
1,2-Dichloropropane	42.9		"	50.0		85.8	81-122		5.33	30	
1,3,5-Trimethylbenzene	42.4		"	50.0		84.8	82-126		10.8	30	
1,3-Dichlorobenzene	42.6		"	50.0		85.3	84-124		12.6	30	
1,4-Dichlorobenzene	42.5		"	50.0		84.9	84-124		13.7	30	
1,4-Dioxane	1120		"	1050		106	10-228		5.87	30	
2-Butanone	51.2		"	50.0		102	58-147		3.00	30	
2-Hexanone	43.0		"	50.0		86.1	70-139		7.49	30	
4-Methyl-2-pentanone	42.8		"	50.0		85.6	72-132		8.22	30	
Acetone	30.6		"	50.0		61.2	36-155		3.57	30	
Acrolein	13.9		"	50.0		27.8	10-238		98.9	30	Non-dir.
Acrylonitrile	49.3		"	50.0		98.6	66-141		5.60	30	
Benzene	46.4		"	50.0		92.8	77-127		5.51	30	
Bromochloromethane	41.7		"	50.0		83.5	74-129		6.15	30	
Bromodichloromethane	39.9		"	50.0		79.9	81-124	Low Bias	14.7	30	
Bromoform	33.2		"	50.0		66.4	80-136	Low Bias	18.0	30	
Bromomethane	39.8		"	50.0		79.7	32-177		37.2	30	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 BH00640 - EPA 5035A											
LCS Dup (BH00640-BSD1)							Prepared & Analyzed: 08/11/2020				
Carbon disulfide	45.8		ug/L	50.0		91.5	10-136		21.1	30	
Carbon tetrachloride	40.8		"	50.0		81.5	66-143		17.5	30	
Chlorobenzene	44.7		"	50.0		89.4	86-120		6.30	30	
Chloroethane	35.4		"	50.0		70.7	51-142		40.6	30	Non-dir.
Chloroform	43.9		"	50.0		87.9	76-131		4.47	30	
Chloromethane	36.9		"	50.0		73.8	49-132		50.2	30	Non-dir.
cis-1,2-Dichloroethylene	42.0		"	50.0		84.0	74-132		9.52	30	
cis-1,3-Dichloropropylene	41.2		"	50.0		82.4	81-129		12.7	30	
Cyclohexane	47.6		"	50.0		95.2	70-130		5.95	30	
Dibromochloromethane	42.6		"	50.0		85.3	10-200		15.0	30	
Dibromomethane	42.0		"	50.0		84.0	83-124		5.17	30	
Dichlorodifluoromethane	20.8		"	50.0		41.7	28-158		119	30	Non-dir.
Ethyl Benzene	42.8		"	50.0		85.6	84-125		9.74	30	
Hexachlorobutadiene	43.8		"	50.0		87.6	83-133		13.9	30	
Isopropylbenzene	43.1		"	50.0		86.3	81-127		8.27	30	
Methyl acetate	42.1		"	50.0		84.1	41-143		2.67	30	
Methyl tert-butyl ether (MTBE)	45.7		"	50.0		91.4	74-131		3.45	30	
Methylcyclohexane	49.1		"	50.0		98.1	70-130		6.28	30	
Methylene chloride	43.2		"	50.0		86.5	57-141		10.2	30	
n-Butylbenzene	40.0		"	50.0		80.1	80-130		18.1	30	
n-Propylbenzene	40.8		"	50.0		81.5	74-136		15.0	30	
o-Xylene	42.2		"	50.0		84.4	83-123		7.79	30	
p- & m- Xylenes	84.4		"	100		84.4	82-128		11.3	30	
p-Isopropyltoluene	42.8		"	50.0		85.5	85-125		12.8	30	
sec-Butylbenzene	46.2		"	50.0		92.4	83-125		10.9	30	
Styrene	44.1		"	50.0		88.2	86-126		8.57	30	
tert-Butyl alcohol (TBA)	223		"	250		89.2	70-130		2.40	30	
tert-Butylbenzene	44.4		"	50.0		88.8	80-127		5.84	30	
Tetrachloroethylene	44.2		"	50.0		88.4	80-129		8.49	30	
Toluene	44.6		"	50.0		89.1	85-121		9.09	30	
trans-1,2-Dichloroethylene	44.9		"	50.0		89.8	72-132		10.5	30	
trans-1,3-Dichloropropylene	39.2		"	50.0		78.3	78-132		13.0	30	
Trichloroethylene	46.0		"	50.0		92.0	84-123		6.48	30	
Trichlorofluoromethane	32.4		"	50.0		64.8	62-140		35.9	30	Non-dir.
Vinyl Chloride	37.3		"	50.0		74.6	52-130		47.3	30	Non-dir.
Surrogate: SURR: 1,2-Dichloroethane-d4	*43.3*		*"*	*50.0*		*86.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.5*		*"*	*50.0*		*98.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.8*		*"*	*50.0*		*95.7*	*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 BH00641 - EPA 5030B											
Blank (BH00641-BLK1)											
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	"								

Prepared & Analyzed: 08/11/2020

Volatile Organic Compounds by GC/MS - Quality Control Data

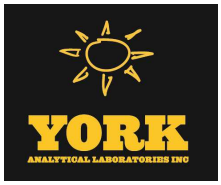
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH00641 - EPA 5030B											
Blank (BH00641-BLK1)								Prepared & Analyzed: 08/11/2020			
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	*9.53*		*"*	*10.0*		*95.3*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.66*		*"*	*10.0*		*96.6*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.0*		*"*	*10.0*		*110*	*79-122*				
LCS (BH00641-BS1)								Prepared & Analyzed: 08/11/2020			
1,1,1,2-Tetrachloroethane	9.60		ug/L	10.0		96.0	82-126				
1,1,1-Trichloroethane	10.2		"	10.0		102	78-136				
1,1,2,2-Tetrachloroethane	9.54		"	10.0		95.4	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.8		"	10.0		118	54-165				
1,1,2-Trichloroethane	8.99		"	10.0		89.9	82-123				
1,1-Dichloroethane	9.93		"	10.0		99.3	82-129				
1,1-Dichloroethylene	11.2		"	10.0		112	68-138				
1,2,3-Trichlorobenzene	5.61		"	10.0		56.1	76-136	Low Bias			
1,2,3-Trichloropropane	9.95		"	10.0		99.5	77-128				
1,2,4-Trichlorobenzene	7.21		"	10.0		72.1	76-137	Low Bias			
1,2,4-Trimethylbenzene	10.8		"	10.0		108	82-132				
1,2-Dibromo-3-chloropropane	8.31		"	10.0		83.1	45-147				
1,2-Dibromoethane	8.93		"	10.0		89.3	83-124				
1,2-Dichlorobenzene	9.94		"	10.0		99.4	79-123				
1,2-Dichloroethane	9.24		"	10.0		92.4	73-132				
1,2-Dichloropropane	8.98		"	10.0		89.8	78-126				
1,3,5-Trimethylbenzene	10.8		"	10.0		108	80-131				
1,3-Dichlorobenzene	10.5		"	10.0		105	86-122				
1,4-Dichlorobenzene	10.5		"	10.0		105	85-124				
1,4-Dioxane	328		"	210		156	10-349				
2-Butanone	9.12		"	10.0		91.2	49-152				
2-Hexanone	7.82		"	10.0		78.2	51-146				
4-Methyl-2-pentanone	7.51		"	10.0		75.1	57-145				
Acetone	8.59		"	10.0		85.9	14-150				
Acrolein	4.04		"	10.0		40.4	10-153				
Acrylonitrile	10.3		"	10.0		103	51-150				
Benzene	10.2		"	10.0		102	85-126				
Bromochloromethane	9.66		"	10.0		96.6	77-128				
Bromodichloromethane	8.77		"	10.0		87.7	79-128				
Bromoform	8.87		"	10.0		88.7	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 BH00641 - EPA 5030B											
LCS (BH00641-BS1)								Prepared & Analyzed: 08/11/2020			
Bromomethane	5.07		ug/L	10.0		50.7	43-168				
Carbon disulfide	11.6		"	10.0		116	68-146				
Carbon tetrachloride	10.2		"	10.0		102	77-141				
Chlorobenzene	9.82		"	10.0		98.2	88-120				
Chloroethane	12.5		"	10.0		125	65-136				
Chloroform	9.92		"	10.0		99.2	82-128				
Chloromethane	10.3		"	10.0		103	43-155				
cis-1,2-Dichloroethylene	10.4		"	10.0		104	83-129				
cis-1,3-Dichloropropylene	8.96		"	10.0		89.6	80-131				
Cyclohexane	11.9		"	10.0		119	63-149				
Dibromochloromethane	9.03		"	10.0		90.3	80-130				
Dibromomethane	8.36		"	10.0		83.6	72-134				
Dichlorodifluoromethane	17.3		"	10.0		173	44-144	High Bias			
Ethyl Benzene	9.84		"	10.0		98.4	80-131				
Hexachlorobutadiene	9.19		"	10.0		91.9	67-146				
Isopropylbenzene	10.5		"	10.0		105	76-140				
Methyl acetate	9.21		"	10.0		92.1	51-139				
Methyl tert-butyl ether (MTBE)	9.08		"	10.0		90.8	76-135				
Methylcyclohexane	10.0		"	10.0		100	72-143				
Methylene chloride	9.63		"	10.0		96.3	55-137				
n-Butylbenzene	9.70		"	10.0		97.0	79-132				
n-Propylbenzene	10.2		"	10.0		102	78-133				
o-Xylene	9.68		"	10.0		96.8	78-130				
p- & m- Xylenes	19.6		"	20.0		98.2	77-133				
p-Isopropyltoluene	10.2		"	10.0		102	81-136				
sec-Butylbenzene	10.4		"	10.0		104	79-137				
Styrene	9.87		"	10.0		98.7	67-132				
tert-Butyl alcohol (TBA)	54.6		"	50.0		109	25-162				
tert-Butylbenzene	8.44		"	10.0		84.4	77-138				
Tetrachloroethylene	10.2		"	10.0		102	82-131				
Toluene	9.67		"	10.0		96.7	80-127				
trans-1,2-Dichloroethylene	10.7		"	10.0		107	80-132				
trans-1,3-Dichloropropylene	8.50		"	10.0		85.0	78-131				
Trichloroethylene	9.52		"	10.0		95.2	82-128				
Trichlorofluoromethane	12.4		"	10.0		124	67-139				
Vinyl Chloride	13.0		"	10.0		130	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.55*		*"*	*10.0*		*95.5*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.61*		*"*	*10.0*		*96.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.0*		*"*	*10.0*		*110*	*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 BH00641 - EPA 5030B											
LCS Dup (BH00641-BSD1)								Prepared & Analyzed: 08/11/2020			
1,1,1,2-Tetrachloroethane	9.56		ug/L	10.0		95.6	82-126		0.418	30	
1,1,1-Trichloroethane	10.2		"	10.0		102	78-136		0.294	30	
1,1,2,2-Tetrachloroethane	9.57		"	10.0		95.7	76-129		0.314	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.9		"	10.0		119	54-165		0.506	30	
1,1,2-Trichloroethane	9.09		"	10.0		90.9	82-123		1.11	30	
1,1-Dichloroethane	10.1		"	10.0		101	82-129		1.80	30	
1,1-Dichloroethylene	11.1		"	10.0		111	68-138		0.269	30	
1,2,3-Trichlorobenzene	5.66		"	10.0		56.6	76-136	Low Bias	0.887	30	
1,2,3-Trichloropropane	10.1		"	10.0		101	77-128		1.79	30	
1,2,4-Trichlorobenzene	7.23		"	10.0		72.3	76-137	Low Bias	0.277	30	
1,2,4-Trimethylbenzene	10.6		"	10.0		106	82-132		1.95	30	
1,2-Dibromo-3-chloropropane	8.48		"	10.0		84.8	45-147		2.03	30	
1,2-Dibromoethane	8.99		"	10.0		89.9	83-124		0.670	30	
1,2-Dichlorobenzene	9.94		"	10.0		99.4	79-123		0.00	30	
1,2-Dichloroethane	9.47		"	10.0		94.7	73-132		2.46	30	
1,2-Dichloropropane	8.89		"	10.0		88.9	78-126		1.01	30	
1,3,5-Trimethylbenzene	10.6		"	10.0		106	80-131		1.78	30	
1,3-Dichlorobenzene	10.3		"	10.0		103	86-122		1.54	30	
1,4-Dichlorobenzene	10.4		"	10.0		104	85-124		1.05	30	
1,4-Dioxane	298		"	210		142	10-349		9.48	30	
2-Butanone	9.27		"	10.0		92.7	49-152		1.63	30	
2-Hexanone	7.75		"	10.0		77.5	51-146		0.899	30	
4-Methyl-2-pentanone	7.76		"	10.0		77.6	57-145		3.27	30	
Acetone	9.01		"	10.0		90.1	14-150		4.77	30	
Acrolein	3.93		"	10.0		39.3	10-153		2.76	30	
Acrylonitrile	10.5		"	10.0		105	51-150		1.93	30	
Benzene	10.3		"	10.0		103	85-126		0.780	30	
Bromochloromethane	9.81		"	10.0		98.1	77-128		1.54	30	
Bromodichloromethane	8.73		"	10.0		87.3	79-128		0.457	30	
Bromoform	9.05		"	10.0		90.5	78-133		2.01	30	
Bromomethane	5.24		"	10.0		52.4	43-168		3.30	30	
Carbon disulfide	11.6		"	10.0		116	68-146		0.603	30	
Carbon tetrachloride	10.2		"	10.0		102	77-141		0.00	30	
Chlorobenzene	9.79		"	10.0		97.9	88-120		0.306	30	
Chloroethane	12.6		"	10.0		126	65-136		0.716	30	
Chloroform	10.1		"	10.0		101	82-128		1.80	30	
Chloromethane	10.3		"	10.0		103	43-155		0.00	30	
cis-1,2-Dichloroethylene	10.5		"	10.0		105	83-129		1.06	30	
cis-1,3-Dichloropropylene	9.12		"	10.0		91.2	80-131		1.77	30	
Cyclohexane	11.9		"	10.0		119	63-149		0.253	30	
Dibromochloromethane	9.08		"	10.0		90.8	80-130		0.552	30	
Dibromomethane	8.49		"	10.0		84.9	72-134		1.54	30	
Dichlorodifluoromethane	17.1		"	10.0		171	44-144	High Bias	1.10	30	
Ethyl Benzene	9.75		"	10.0		97.5	80-131		0.919	30	
Hexachlorobutadiene	8.89		"	10.0		88.9	67-146		3.32	30	
Isopropylbenzene	10.2		"	10.0		102	76-140		2.80	30	
Methyl acetate	9.66		"	10.0		96.6	51-139		4.77	30	
Methyl tert-butyl ether (MTBE)	9.38		"	10.0		93.8	76-135		3.25	30	
Methylcyclohexane	9.74		"	10.0		97.4	72-143		3.13	30	
Methylene chloride	9.80		"	10.0		98.0	55-137		1.75	30	
n-Butylbenzene	9.37		"	10.0		93.7	79-132		3.46	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 BH00641 - EPA 5030B											
LCS Dup (BH00641-BSD1)								Prepared & Analyzed: 08/11/2020			
n-Propylbenzene	10.0		ug/L	10.0		100	78-133		2.18	30	
o-Xylene	9.67		"	10.0		96.7	78-130		0.103	30	
p- & m- Xylenes	19.3		"	20.0		96.7	77-133		1.59	30	
p-Isopropyltoluene	10.0		"	10.0		100	81-136		1.97	30	
sec-Butylbenzene	10.1		"	10.0		101	79-137		2.92	30	
Styrene	9.74		"	10.0		97.4	67-132		1.33	30	
tert-Butyl alcohol (TBA)	55.9		"	50.0		112	25-162		2.39	30	
tert-Butylbenzene	8.25		"	10.0		82.5	77-138		2.28	30	
Tetrachloroethylene	10.1		"	10.0		101	82-131		1.77	30	
Toluene	9.60		"	10.0		96.0	80-127		0.727	30	
trans-1,2-Dichloroethylene	10.7		"	10.0		107	80-132		0.187	30	
trans-1,3-Dichloropropylene	8.54		"	10.0		85.4	78-131		0.469	30	
Trichloroethylene	9.40		"	10.0		94.0	82-128		1.27	30	
Trichlorofluoromethane	12.5		"	10.0		125	67-139		0.641	30	
Vinyl Chloride	12.9		"	10.0		129	58-145		0.696	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.73*		*"*	*10.0*		*97.3*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.66*		*"*	*10.0*		*96.6*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.0*		*"*	*10.0*		*110*	*79-122*				

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

Batch BH00834 - EPA 3550C

Blank (BH00834-BLK1)

Prepared: 08/14/2020 Analyzed: 08/17/2020

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 BH00834 - EPA 3550C											
Blank (BH00834-BLK1)											
Prepared: 08/14/2020 Analyzed: 08/17/2020											
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	*1.07*		"	*1.66*		*64.4*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.11*		"	*1.66*		*66.7*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.697*		"	*0.831*		*83.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.538*		"	*0.831*		*64.7*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.14*		"	*1.66*		*68.7*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.636*		"	*0.831*		*76.6*	*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 BH00834 - EPA 3550C											
LCS (BH00834-BS1)									Prepared: 08/14/2020 Analyzed: 08/17/2020		
1,1-Biphenyl	0.595	0.0416	mg/kg wet	1.66		35.8	18-111				
1,2,4,5-Tetrachlorobenzene	0.496	0.0830	"	0.955		52.0	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.505	0.0416	"	0.831		60.8	17-137				
2,3,4,6-Tetrachlorophenol	0.614	0.0830	"	0.831		74.0	30-130				
2,4,5-Trichlorophenol	0.368	0.0416	"	0.831		44.3	27-118				
2,4,6-Trichlorophenol	0.470	0.0416	"	0.831		56.6	31-120				
2,4-Dichlorophenol	0.487	0.0416	"	0.831		58.6	20-127				
2,4-Dimethylphenol	0.510	0.0416	"	0.831		61.4	14-132				
2,4-Dinitrophenol	0.750	0.0830	"	0.831		90.3	10-171				
2,4-Dinitrotoluene	0.563	0.0416	"	0.831		67.8	34-131				
2,6-Dinitrotoluene	0.569	0.0416	"	0.831		68.5	31-128				
2-Chloronaphthalene	0.413	0.0416	"	0.831		49.7	31-117				
2-Chlorophenol	0.467	0.0416	"	0.831		56.2	33-113				
2-Methylnaphthalene	0.502	0.0416	"	0.831		60.4	12-138				
2-Methylphenol	0.370	0.0416	"	0.831		44.5	10-136				
2-Nitroaniline	0.589	0.0830	"	0.831		70.9	27-132				
2-Nitrophenol	0.627	0.0416	"	0.831		75.4	17-129				
3- & 4-Methylphenols	0.327	0.0416	"	0.831		39.3	29-103				
3,3-Dichlorobenzidine	0.440	0.0416	"	0.831		53.0	22-149				
3-Nitroaniline	0.516	0.0830	"	0.831		62.2	20-133				
4,6-Dinitro-2-methylphenol	0.792	0.0830	"	0.831		95.4	10-143				
4-Bromophenyl phenyl ether	0.451	0.0416	"	0.831		54.3	29-120				
4-Chloro-3-methylphenol	0.522	0.0416	"	0.831		62.9	24-129				
4-Chloroaniline	0.383	0.0416	"	0.831		46.1	10-132				
4-Chlorophenyl phenyl ether	0.429	0.0416	"	0.831		51.6	27-124				
4-Nitroaniline	0.531	0.0830	"	0.831		63.9	16-128				
4-Nitrophenol	0.612	0.0830	"	0.831		73.7	10-141				
Acenaphthene	0.479	0.0416	"	0.831		57.6	30-121				
Acenaphthylene	0.473	0.0416	"	0.831		57.0	30-115				
Acetophenone	0.517	0.0416	"	1.66		31.1	20-112				
Aniline	0.426	0.166	"	0.831		51.3	10-119				
Anthracene	0.488	0.0416	"	0.831		58.8	34-118				
Atrazine	0.643	0.0416	"	1.66		38.7	26-112				
Benzaldehyde	0.539	0.0416	"	1.66		32.4	21-100				
Benzo(a)anthracene	0.468	0.0416	"	0.831		56.4	32-122				
Benzo(a)pyrene	0.432	0.0416	"	0.831		52.0	29-133				
Benzo(b)fluoranthene	0.459	0.0416	"	0.831		55.3	25-133				
Benzo(g,h,i)perylene	0.480	0.0416	"	0.831		57.8	10-143				
Benzo(k)fluoranthene	0.426	0.0416	"	0.831		51.3	25-128				
Benzoic acid	0.252	0.0416	"	0.947		26.6	10-140				
Benzyl alcohol	0.537	0.0416	"	0.831		64.7	30-115				
Benzyl butyl phthalate	0.593	0.0416	"	0.831		71.4	26-126				
Bis(2-chloroethoxy)methane	0.497	0.0416	"	0.831		59.8	19-132				
Bis(2-chloroethyl)ether	0.476	0.0416	"	0.831		57.3	19-125				
Bis(2-chloroisopropyl)ether	0.485	0.0416	"	0.831		58.4	20-135				
Bis(2-ethylhexyl)phthalate	0.598	0.0416	"	0.831		72.0	10-155				
Caprolactam	0.660	0.0830	"	1.66		39.7	10-127				
Carbazole	0.455	0.0416	"	0.831		54.8	35-123				
Chrysene	0.458	0.0416	"	0.831		55.2	32-123				
Dibenzo(a,h)anthracene	0.488	0.0416	"	0.831		58.7	10-136				
Dibenzofuran	0.466	0.0416	"	0.831		56.2	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 BH00834 - EPA 3550C											
LCS (BH00834-BS1)											
Prepared: 08/14/2020 Analyzed: 08/17/2020											
Diethyl phthalate	0.488	0.0416	mg/kg wet	0.831		58.7	34-116				
Dimethyl phthalate	0.472	0.0416	"	0.831		56.8	35-124				
Di-n-butyl phthalate	0.490	0.0416	"	0.831		59.0	31-116				
Di-n-octyl phthalate	0.649	0.0416	"	0.831		78.1	26-136				
Diphenylamine	0.636	0.0830	"	0.831		76.5	40-140				
Fluoranthene	0.453	0.0416	"	0.831		54.6	33-122				
Fluorene	0.469	0.0416	"	0.831		56.5	29-123				
Hexachlorobenzene	0.493	0.0416	"	0.831		59.4	21-124				
Hexachlorobutadiene	0.378	0.0416	"	0.831		45.6	10-149				
Hexachlorocyclopentadiene	0.314	0.0416	"	0.831		37.8	10-129				
Hexachloroethane	0.415	0.0416	"	0.831		49.9	28-108				
Indeno(1,2,3-cd)pyrene	0.486	0.0416	"	0.831		58.5	10-135				
Isophorone	0.509	0.0416	"	0.831		61.2	20-132				
Naphthalene	0.471	0.0416	"	0.831		56.8	23-124				
Nitrobenzene	0.470	0.0416	"	0.831		56.6	13-132				
N-Nitrosodimethylamine	0.417	0.0416	"	0.831		50.2	11-129				
N-nitroso-di-n-propylamine	0.467	0.0416	"	0.831		56.3	24-119				
N-Nitrosodiphenylamine	0.640	0.0416	"	0.831		77.0	22-152				
Pentachlorophenol	0.456	0.0416	"	0.831		54.9	10-139				
Phenanthrene	0.491	0.0416	"	0.831		59.1	33-123				
Phenol	0.462	0.0416	"	0.831		55.7	23-115				
Pyrene	0.515	0.0416	"	0.831		62.0	32-130				
Pyridine	0.371	0.166	"	0.831		44.6	10-91				
Surrogate: SURR: 2-Fluorophenol	*0.955*		"	*1.66*		*57.5*	*20-108*				
Surrogate: SURR: Phenol-d5	*0.983*		"	*1.66*		*59.2*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.609*		"	*0.831*		*73.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.475*		"	*0.831*		*57.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.11*		"	*1.66*		*66.8*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.563*		"	*0.831*		*67.8*	*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 BH00849 - EPA 3550C											
Blank (BH00849-BLK1)											Prepared: 08/17/2020 Analyzed: 08/18/2020
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	"								
Chlordane, total	ND	0.0329	"								
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	0.00822	"								
Toxaphene	ND	0.0832	"								
Surrogate: Decachlorobiphenyl	*0.0650*		*"*	*0.0664*		*97.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0509*		*"*	*0.0664*		*76.7*	*30-150*				
LCS (BH00849-BS1)											Prepared: 08/17/2020 Analyzed: 08/18/2020
4,4'-DDD	0.0192	0.00164	mg/kg wet	0.0332		57.9	40-140				
4,4'-DDE	0.0185	0.00164	"	0.0332		55.6	40-140				
4,4'-DDT	0.0190	0.00164	"	0.0332		57.3	40-140				
Aldrin	0.0165	0.00164	"	0.0332		49.7	40-140				
alpha-BHC	0.0165	0.00164	"	0.0332		49.5	40-140				
alpha-Chlordane	0.0177	0.00164	"	0.0332		53.4	40-140				
beta-BHC	0.0176	0.00164	"	0.0332		52.9	40-140				
delta-BHC	0.0158	0.00164	"	0.0332		47.7	40-140				
Dieldrin	0.0181	0.00164	"	0.0332		54.4	40-140				
Endosulfan I	0.0183	0.00164	"	0.0332		55.0	40-140				
Endosulfan II	0.0180	0.00164	"	0.0332		54.3	40-140				
Endosulfan sulfate	0.0184	0.00164	"	0.0332		55.5	40-140				
Endrin	0.0186	0.00164	"	0.0332		56.0	40-140				
Endrin aldehyde	0.0170	0.00164	"	0.0332		51.1	40-140				
Endrin ketone	0.0184	0.00164	"	0.0332		55.3	40-140				
gamma-BHC (Lindane)	0.0171	0.00164	"	0.0332		51.4	40-140				
gamma-Chlordane	0.0176	0.00164	"	0.0332		53.1	40-140				
Heptachlor	0.0165	0.00164	"	0.0332		49.5	40-140				
Heptachlor epoxide	0.0182	0.00164	"	0.0332		54.7	40-140				
Methoxychlor	0.0196	0.00822	"	0.0332		59.1	40-140				
Surrogate: Decachlorobiphenyl	*0.0578*		*"*	*0.0664*		*87.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0455*		*"*	*0.0664*		*68.5*	*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 BH00607 - EPA 3050B											
Blank (BH00607-BLK1)											
Prepared: 08/12/2020 Analyzed: 08/13/2020											
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 (BH00607-SRM1)											
Prepared: 08/12/2020 Analyzed: 08/13/2020											
Aluminum	7460	5.00	mg/kg wet	8460		88.2	50.5-150.1				
Antimony	53.6	2.50	"	120		44.6	19-251.7				
Arsenic	90.1	1.50	"	95.5		94.3	70.1-129.8				
Barium	300	2.50	"	300		99.9	75-125				
Beryllium	93.4	0.050	"	103		90.7	75-125.2				
Cadmium	123	0.300	"	135		90.9	74.8-125.2				
Calcium	4450	5.00	"	4720		94.2	72.7-127.5				
Chromium	134	0.500	"	147		90.9	70.1-129.9				
Cobalt	40.3	0.400	"	43.2		93.3	75-125				
Copper	149	2.00	"	150		99.6	75.3-125.3				
Iron	13200	25.0	"	14400		91.7	35.8-164.6				
Lead	82.4	0.500	"	92.3		89.3	70-130				
Magnesium	2330	5.00	"	2300		101	61.7-137.8				
Manganese	635	0.500	"	677		93.8	78.1-122				
Nickel	57.3	1.00	"	59.8		95.9	70.1-130.1				
Potassium	1760	5.00	"	2030		86.6	59.1-140.9				
Selenium	26.4	2.50	"	42.0		62.7	55.7-144.5				
Silver	39.6	0.500	"	40.3		98.4	69.2-130.8				
Sodium	150	50.0	"	139		108	36.1-163.3				
Thallium	67.5	2.50	"	83.1		81.2	65.3-146.8				
Vanadium	85.5	1.00	"	96.9		88.3	67-133.1				
Zinc	336	2.50	"	369		91.1	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 BH00569 - EPA 7473 soil											
Blank (BH00569-BLK1)									Prepared & Analyzed: 08/11/2020		
Mercury	ND	0.0300	mg/kg wet								
Reference (BH00569-SRM1)									Prepared & Analyzed: 08/11/2020		
Mercury	3.1568		mg/kg	3.71		85.1	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 BH00827 - Analysis Preparation Soil											
Blank (BH00827-BLK1)									Prepared & Analyzed: 08/14/2020		
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BH00827-SRM1)									Prepared & Analyzed: 08/14/2020		
Cyanide, total	102		ug/mL	96.2		106	42.41-156.96				
Batch BH00828 - EPA SW846-3060											
Blank (BH00828-BLK1)									Prepared & Analyzed: 08/14/2020		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BH00828-SRM1)									Prepared & Analyzed: 08/14/2020		
Chromium, Hexavalent	75.2		mg/L	92.5		81.3	25.95-196.76				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20H0355-01	EP16_e160	40mL Vial with Stir Bar-Cool 4° C
20H0355-02	TB01_081120	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

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.
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-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.
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).
Cal-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

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. 20H0355

YOUR Information	Report To:	Invoice To:
Company: LANGAN	Company:	Company:
Address: 360 W 31 ST Street, 8TH FLOOR	Address:	Address:
Phone: 212 479 5400	Phone:	Phone:
Contact: KIM SEMON	Contact:	Contact:
E-mail: KSEMON@LANGAN.COM	E-mail:	E-mail:

YOUR Project Number: 170384501

YOUR Project Name: 805-825 ATLANTIC AVENUE

YOUR PO#:

Turn-Around Time

RUSH - Next Day VOCs ONLY	X
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) TOMAS MONTI

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
EP16-EL60	S	8/11/20 800	TCL/TAL PART 375 VOCs, SVOCs	
			TCL/TAL PART 375 METALS	
			PESTICIDES, TCN, TRI/HEX CHROM	
TB01-081120	AQ	8/11/20 900	TCL/TAL PART 375 VOCs	

Comments: (X) 24 HOUR TAT VOCs
STANDARD TAT REMAINDER ANALYTES

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
TOMAS MONTI / LANGAN	8/11/20 11:30	Ed/York	8/11/2020 11:30	Ed/York	8/11/20 1920
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. York	8/11/20-1920 / 3.4 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: 08/21/2020
Client Project ID: 170384501
York Project (SDG) No.: 20H0563

Report Date: 08/21/2020
Client Project ID: 170384501
York Project (SDG) No.: 20H0563

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 August 14, 2020 and listed below. The project was identified as your project: **170384501**.

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
20H0563-01	EP17_e160	Soil	08/14/2020	08/14/2020
20H0563-02	EP21_e160	Soil	08/14/2020	08/14/2020
20H0563-03	TB01_081420	Water	08/14/2020	08/14/2020

General Notes for York Project (SDG) No.: 20H0563

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:** 08/21/2020

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: EP17_e160 **York Sample ID:** 20H0563-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0563	170384501	Soil	August 14, 2020 7:00 am	08/14/2020

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	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	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	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.039	0.079	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP17_e160 **York Sample ID:** 20H0563-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0563	170384501	Soil	August 14, 2020 7:00 am	08/14/2020

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	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP17_e160 **York Sample ID:** 20H0563-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0563	170384501	Soil	August 14, 2020 7:00 am	08/14/2020

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	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP17_e160 **York Sample ID:** 20H0563-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0563	170384501	Soil	August 14, 2020 7:00 am	08/14/2020

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	0.0039	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0059	0.012	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:32	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*	*99.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*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	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0925	0.185	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0925	0.185	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0925	0.185	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP17_e160 **York Sample ID:** 20H0563-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0563	170384501	Soil	August 14, 2020 7:00 am	08/14/2020

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	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0925	0.185	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0925	0.185	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0925	0.185	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0925	0.185	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0925	0.185	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.185	0.370	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.185	0.370	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP17_e160 **York Sample ID:** 20H0563-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0563	170384501	Soil	August 14, 2020 7:00 am	08/14/2020

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	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0925	0.185	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0925	0.185	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP17_e160 **York Sample ID:** 20H0563-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0563	170384501	Soil	August 14, 2020 7:00 am	08/14/2020

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	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.185	0.370	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*43.4 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*44.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*53.9 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*41.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*72.7 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*53.5 %*	*24-116*

Sample Information

Client Sample ID: EP17_e160 **York Sample ID:** 20H0563-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0563	170384501	Soil	August 14, 2020 7:00 am	08/14/2020

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	0.00184	5	EPA 8081B	08/18/2020 14:15	08/19/2020 16:33	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00184	5	EPA 8081B	08/18/2020 14:15	08/19/2020 16:33	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00184	5	EPA 8081B	08/18/2020 14:15	08/19/2020 16:33	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00184	5	EPA 8081B	08/18/2020 14:15	08/19/2020 16:33	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B	08/18/2020 14:15	08/19/2020 16:33	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00184	5	EPA 8081B	08/18/2020 14:15	08/19/2020 16:33	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B	08/18/2020 14:15	08/19/2020 16:33	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0367	5	EPA 8081B	08/18/2020 14:15	08/19/2020 16:33	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B	08/18/2020 14:15	08/19/2020 16:33	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00184	5	EPA 8081B	08/18/2020 14:15	08/19/2020 16:33	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00184	5	EPA 8081B	08/18/2020 14:15	08/19/2020 16:33	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00184	5	EPA 8081B	08/18/2020 14:15	08/19/2020 16:33	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00184	5	EPA 8081B	08/18/2020 14:15	08/19/2020 16:33	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00184	5	EPA 8081B	08/18/2020 14:15	08/19/2020 16:33	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00184	5	EPA 8081B	08/18/2020 14:15	08/19/2020 16:33	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00184	5	EPA 8081B	08/18/2020 14:15	08/19/2020 16:33	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00184	5	EPA 8081B	08/18/2020 14:15	08/19/2020 16:33	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00184	5	EPA 8081B	08/18/2020 14:15	08/19/2020 16:33	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00184	5	EPA 8081B	08/18/2020 14:15	08/19/2020 16:33	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00184	5	EPA 8081B	08/18/2020 14:15	08/19/2020 16:33	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00918	5	EPA 8081B	08/18/2020 14:15	08/19/2020 16:33	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP17_e160 **York Sample ID:** 20H0563-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0563	170384501	Soil	August 14, 2020 7:00 am	08/14/2020

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
8001-35-2	Toxaphene	ND		mg/kg dry	0.0929	5	EPA 8081B	08/18/2020 14:15	08/19/2020 16:33	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*110 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.7 %*	*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**	**8630**		mg/kg dry	5.65	1	EPA 6010D	08/17/2020 07:14	08/18/2020 13:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.83	1	EPA 6010D	08/17/2020 07:14	08/18/2020 13:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.70	1	EPA 6010D	08/17/2020 07:14	08/18/2020 13:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**46.2**		mg/kg dry	2.83	1	EPA 6010D	08/17/2020 07:14	08/18/2020 13:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.057	1	EPA 6010D	08/17/2020 07:14	08/18/2020 13:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.339	1	EPA 6010D	08/17/2020 07:14	08/18/2020 13:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**2930**		mg/kg dry	5.65	1	EPA 6010D	08/17/2020 07:14	08/18/2020 13:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**22.9**		mg/kg dry	0.565	1	EPA 6010D	08/17/2020 07:14	08/18/2020 13:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**9.46**		mg/kg dry	0.452	1	EPA 6010D	08/17/2020 07:14	08/18/2020 13:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**29.6**	B	mg/kg dry	2.26	1	EPA 6010D	08/17/2020 07:14	08/18/2020 13:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**16100**		mg/kg dry	28.3	1	EPA 6010D	08/17/2020 07:14	08/18/2020 13:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**21.4**		mg/kg dry	0.565	1	EPA 6010D	08/17/2020 07:14	08/18/2020 13:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**4240**		mg/kg dry	5.65	1	EPA 6010D	08/17/2020 07:14	08/18/2020 13:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**362**		mg/kg dry	0.565	1	EPA 6010D	08/17/2020 07:14	08/18/2020 13:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**40.8**		mg/kg dry	1.13	1	EPA 6010D	08/17/2020 07:14	08/18/2020 13:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1330**		mg/kg dry	5.65	1	EPA 6010D	08/17/2020 07:14	08/18/2020 13:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP17_e160 **York Sample ID:** 20H0563-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0563	170384501	Soil	August 14, 2020 7:00 am	08/14/2020

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
7782-49-2	Selenium	ND		mg/kg dry	2.83	1	EPA 6010D	08/17/2020 07:14	08/18/2020 13:05	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.565	1	EPA 6010D	08/17/2020 07:14	08/18/2020 13:05	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**185**		mg/kg dry	56.5	1	EPA 6010D	08/17/2020 07:14	08/18/2020 13:05	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.83	1	EPA 6010D	08/17/2020 07:14	08/18/2020 13:05	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**33.6**		mg/kg dry	1.13	1	EPA 6010D	08/17/2020 07:14	08/18/2020 13:05	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**54.6**		mg/kg dry	2.83	1	EPA 6010D	08/17/2020 07:14	08/18/2020 13:05	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	0.0339	1	EPA 7473	08/17/2020 08:45	08/17/2020 10:41	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	0.565	1	EPA 7196A	08/17/2020 14:11	08/17/2020 19:41	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**	**22.9**		mg/kg	0.500	1	Calculation	08/21/2020 12:45	08/21/2020 16:02	PAM
							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	0.565	1	EPA 9014/9010C	08/18/2020 08:47	08/18/2020 16:28	WJM
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: EP17_e160 **York Sample ID:** 20H0563-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0563	170384501	Soil	August 14, 2020 7:00 am	08/14/2020

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	08/17/2020 08:02	08/17/2020 11:55	WJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: **EP21_e160** **York Sample ID:** **20H0563-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0563	170384501	Soil	August 14, 2020 8:00 am	08/14/2020

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	08/17/2020 06:18	08/17/2020 15:58	TMP
								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	08/17/2020 06:18	08/17/2020 15:58	TMP
								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	08/17/2020 06:18	08/17/2020 15:58	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	0.0024	0.0048	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:58	TMP
								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	08/17/2020 06:18	08/17/2020 15:58	TMP
								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	08/17/2020 06:18	08/17/2020 15:58	TMP
								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	08/17/2020 06:18	08/17/2020 15:58	TMP
								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	08/17/2020 06:18	08/17/2020 15:58	TMP
								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	08/17/2020 06:18	08/17/2020 15:58	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:58	TMP
								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	08/17/2020 06:18	08/17/2020 15:58	TMP
								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	08/17/2020 06:18	08/17/2020 15:58	TMP
								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	08/17/2020 06:18	08/17/2020 15:58	TMP
								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	08/17/2020 06:18	08/17/2020 15:58	TMP
								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	08/17/2020 06:18	08/17/2020 15:58	TMP
								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	08/17/2020 06:18	08/17/2020 15:58	TMP
								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	08/17/2020 06:18	08/17/2020 15:58	TMP
								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	08/17/2020 06:18	08/17/2020 15:58	TMP
								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	08/17/2020 06:18	08/17/2020 15:58	TMP
								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	08/17/2020 06:18	08/17/2020 15:58	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP21_e160 **York Sample ID:** 20H0563-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0563	170384501	Soil	August 14, 2020 8:00 am	08/14/2020

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	08/17/2020 06:18	08/17/2020 15:58	TMP
								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	08/17/2020 06:18	08/17/2020 15:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:58	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:58	TMP
								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	08/17/2020 06:18	08/17/2020 15:58	TMP
								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	08/17/2020 06:18	08/17/2020 15:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:58	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:58	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:58	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:58	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP21_e160 **York Sample ID:** 20H0563-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0563	170384501	Soil	August 14, 2020 8:00 am	08/14/2020

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	08/17/2020 06:18	08/17/2020 15:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:58	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:58	TMP
								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	08/17/2020 06:18	08/17/2020 15:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:58	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:58	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:58	TMP
								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	08/17/2020 06:18	08/17/2020 15:58	TMP
								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	08/17/2020 06:18	08/17/2020 15:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP21_e160 **York Sample ID:** 20H0563-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0563	170384501	Soil	August 14, 2020 8:00 am	08/14/2020

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	08/17/2020 06:18	08/17/2020 15:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0071	0.014	1	EPA 8260C	08/17/2020 06:18	08/17/2020 15:58	TMP
								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*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*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	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0957	0.191	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0957	0.191	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0957	0.191	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP21_e160 **York Sample ID:** 20H0563-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0563	170384501	Soil	August 14, 2020 8:00 am	08/14/2020

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	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0957	0.191	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0957	0.191	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0957	0.191	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0957	0.191	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0957	0.191	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.192	0.383	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.192	0.383	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP21_e160 **York Sample ID:** 20H0563-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0563	170384501	Soil	August 14, 2020 8:00 am	08/14/2020

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	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0957	0.191	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0957	0.191	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP21_e160 **York Sample ID:** 20H0563-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0563	170384501	Soil	August 14, 2020 8:00 am	08/14/2020

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	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0479	0.0957	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.192	0.383	2	EPA 8270D	08/19/2020 14:18	08/20/2020 11:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*50.6 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*53.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*61.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*55.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*107 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*81.9 %*	*24-116*

Sample Information

Client Sample ID: EP21_e160 **York Sample ID:** 20H0563-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0563	170384501	Soil	August 14, 2020 8:00 am	08/14/2020

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	08/19/2020 14:35	08/21/2020 11:55	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00189	5	EPA 8081B	08/19/2020 14:35	08/21/2020 11:55	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00189	5	EPA 8081B	08/19/2020 14:35	08/21/2020 11:55	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00189	5	EPA 8081B	08/19/2020 14:35	08/21/2020 11:55	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B	08/19/2020 14:35	08/21/2020 11:55	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00189	5	EPA 8081B	08/19/2020 14:35	08/21/2020 11:55	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B	08/19/2020 14:35	08/21/2020 11:55	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0377	5	EPA 8081B	08/19/2020 14:35	08/21/2020 11:55	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B	08/19/2020 14:35	08/21/2020 11:55	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00189	5	EPA 8081B	08/19/2020 14:35	08/21/2020 11:55	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00189	5	EPA 8081B	08/19/2020 14:35	08/21/2020 11:55	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00189	5	EPA 8081B	08/19/2020 14:35	08/21/2020 11:55	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00189	5	EPA 8081B	08/19/2020 14:35	08/21/2020 11:55	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00189	5	EPA 8081B	08/19/2020 14:35	08/21/2020 11:55	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00189	5	EPA 8081B	08/19/2020 14:35	08/21/2020 11:55	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00189	5	EPA 8081B	08/19/2020 14:35	08/21/2020 11:55	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00189	5	EPA 8081B	08/19/2020 14:35	08/21/2020 11:55	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00189	5	EPA 8081B	08/19/2020 14:35	08/21/2020 11:55	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00189	5	EPA 8081B	08/19/2020 14:35	08/21/2020 11:55	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00189	5	EPA 8081B	08/19/2020 14:35	08/21/2020 11:55	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00943	5	EPA 8081B	08/19/2020 14:35	08/21/2020 11:55	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP21_e160 **York Sample ID:** 20H0563-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0563	170384501	Soil	August 14, 2020 8:00 am	08/14/2020

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
8001-35-2	Toxaphene	ND		mg/kg dry	0.0955	5	EPA 8081B	08/19/2020 14:35	08/21/2020 11:55	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*131 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*89.5 %*	*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**	**10600**		mg/kg dry	5.79	1	EPA 6010D	08/17/2020 07:14	08/18/2020 13:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.90	1	EPA 6010D	08/17/2020 07:14	08/18/2020 13:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.74	1	EPA 6010D	08/17/2020 07:14	08/18/2020 13:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**61.6**		mg/kg dry	2.90	1	EPA 6010D	08/17/2020 07:14	08/18/2020 13:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.058	1	EPA 6010D	08/17/2020 07:14	08/18/2020 13:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.348	1	EPA 6010D	08/17/2020 07:14	08/18/2020 13:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**2510**		mg/kg dry	5.79	1	EPA 6010D	08/17/2020 07:14	08/18/2020 13:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**28.9**		mg/kg dry	0.579	1	EPA 6010D	08/17/2020 07:14	08/18/2020 13:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**10.2**		mg/kg dry	0.463	1	EPA 6010D	08/17/2020 07:14	08/18/2020 13:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**34.7**	B	mg/kg dry	2.32	1	EPA 6010D	08/17/2020 07:14	08/18/2020 13:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**17600**		mg/kg dry	29.0	1	EPA 6010D	08/17/2020 07:14	08/18/2020 13:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**17.6**		mg/kg dry	0.579	1	EPA 6010D	08/17/2020 07:14	08/18/2020 13:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3480**		mg/kg dry	5.79	1	EPA 6010D	08/17/2020 07:14	08/18/2020 13:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**400**		mg/kg dry	0.579	1	EPA 6010D	08/17/2020 07:14	08/18/2020 13:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**49.4**		mg/kg dry	1.16	1	EPA 6010D	08/17/2020 07:14	08/18/2020 13:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1700**		mg/kg dry	5.79	1	EPA 6010D	08/17/2020 07:14	08/18/2020 13:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP21_e160 **York Sample ID:** 20H0563-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0563	170384501	Soil	August 14, 2020 8:00 am	08/14/2020

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
7782-49-2	Selenium	ND		mg/kg dry	2.90	1	EPA 6010D	08/17/2020 07:14	08/18/2020 13:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.579	1	EPA 6010D	08/17/2020 07:14	08/18/2020 13:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**171**		mg/kg dry	57.9	1	EPA 6010D	08/17/2020 07:14	08/18/2020 13:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.90	1	EPA 6010D	08/17/2020 07:14	08/18/2020 13:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**32.8**		mg/kg dry	1.16	1	EPA 6010D	08/17/2020 07:14	08/18/2020 13:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**57.5**		mg/kg dry	2.90	1	EPA 6010D	08/17/2020 07:14	08/18/2020 13:07	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	0.0348	1	EPA 7473	08/17/2020 08:45	08/17/2020 10:51	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	0.579	1	EPA 7196A	08/17/2020 14:11	08/17/2020 19:41	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**	**28.9**		mg/kg	0.500	1	Calculation	08/21/2020 12:45	08/21/2020 16:02	PAM
							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	0.579	1	EPA 9014/9010C	08/18/2020 08:47	08/18/2020 16:28	WJM
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

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

Sample Information

Client Sample ID: **EP21_e160** **York Sample ID:** **20H0563-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0563	170384501	Soil	August 14, 2020 8:00 am	08/14/2020

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**86.3**		%	0.100	1	SM 2540G	08/17/2020 08:02	08/17/2020 11:55	WJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: TB01_081420 **York Sample ID:** 20H0563-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0563	170384501	Water	August 14, 2020 9:00 am	08/14/2020

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	08/17/2020 06:00	08/17/2020 15:36	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	08/17/2020 06:00	08/17/2020 15:36	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	08/17/2020 06:00	08/17/2020 15:36	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	08/17/2020 06:00	08/17/2020 15:36	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	08/17/2020 06:00	08/17/2020 15:36	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	08/17/2020 06:00	08/17/2020 15:36	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	08/17/2020 06:00	08/17/2020 15:36	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	08/17/2020 06:00	08/17/2020 15:36	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	08/17/2020 06:00	08/17/2020 15:36	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	08/17/2020 06:00	08/17/2020 15:36	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	08/17/2020 06:00	08/17/2020 15:36	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	08/17/2020 06:00	08/17/2020 15:36	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	08/17/2020 06:00	08/17/2020 15:36	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	08/17/2020 06:00	08/17/2020 15:36	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	08/17/2020 06:00	08/17/2020 15:36	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	08/17/2020 06:00	08/17/2020 15:36	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	08/17/2020 06:00	08/17/2020 15:36	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	08/17/2020 06:00	08/17/2020 15:36	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	08/17/2020 06:00	08/17/2020 15:36	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	08/17/2020 06:00	08/17/2020 15:36	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	08/17/2020 06:00	08/17/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB01_081420 **York Sample ID:** 20H0563-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0563	170384501	Water	August 14, 2020 9:00 am	08/14/2020

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	08/17/2020 06:00	08/17/2020 15:36	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	08/17/2020 06:00	08/17/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	08/17/2020 06:00	08/17/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	08/17/2020 06:00	08/17/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	08/17/2020 06:00	08/17/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/17/2020 06:00	08/17/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/17/2020 06:00	08/17/2020 15:36	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/17/2020 06:00	08/17/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	08/17/2020 06:00	08/17/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/17/2020 06:00	08/17/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	08/17/2020 06:00	08/17/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	08/17/2020 06:00	08/17/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/17/2020 06:00	08/17/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/17/2020 06:00	08/17/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	**Chloroform**	**0.340**		ug/L	0.200	0.500	1	EPA 8260C	08/17/2020 06:00	08/17/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/17/2020 06:00	08/17/2020 15:36	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	08/17/2020 06:00	08/17/2020 15:36	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	08/17/2020 06:00	08/17/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/17/2020 06:00	08/17/2020 15:36	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/17/2020 06:00	08/17/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/17/2020 06:00	08/17/2020 15:36	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/17/2020 06:00	08/17/2020 15:36	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB01_081420 **York Sample ID:** 20H0563-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0563	170384501	Water	August 14, 2020 9:00 am	08/14/2020

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	08/17/2020 06:00	08/17/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/17/2020 06:00	08/17/2020 15:36	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/17/2020 06:00	08/17/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	08/17/2020 06:00	08/17/2020 15:36	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	08/17/2020 06:00	08/17/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/17/2020 06:00	08/17/2020 15:36	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	08/17/2020 06:00	08/17/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/17/2020 06:00	08/17/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/17/2020 06:00	08/17/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/17/2020 06:00	08/17/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	08/17/2020 06:00	08/17/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/17/2020 06:00	08/17/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/17/2020 06:00	08/17/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/17/2020 06:00	08/17/2020 15:36	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	08/17/2020 06:00	08/17/2020 15:36	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/17/2020 06:00	08/17/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/17/2020 06:00	08/17/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/17/2020 06:00	08/17/2020 15:36	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	08/17/2020 06:00	08/17/2020 15:36	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	08/17/2020 06:00	08/17/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/17/2020 06:00	08/17/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/17/2020 06:00	08/17/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB01_081420 **York Sample ID:** 20H0563-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0563	170384501	Water	August 14, 2020 9:00 am	08/14/2020

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	08/17/2020 06:00	08/17/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	08/17/2020 06:00	08/17/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.4 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*79-122*

Analytical Batch Summary

Batch ID: BH00856 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20H0563-01	EP17_e160	08/17/20
20H0563-02	EP21_e160	08/17/20
BH00856-BLK1	Blank	08/17/20
BH00856-SRM1	Reference	08/17/20

Batch ID: BH00857 **Preparation Method:** % Solids Prep **Prepared By:** WJM

YORK Sample ID	Client Sample ID	Preparation Date
20H0563-01	EP17_e160	08/17/20
20H0563-02	EP21_e160	08/17/20

Batch ID: BH00864 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20H0563-01	EP17_e160	08/17/20
20H0563-02	EP21_e160	08/17/20
BH00864-BLK1	Blank	08/17/20
BH00864-SRM1	Reference	08/17/20

Batch ID: BH00894 **Preparation Method:** EPA SW846-3060 **Prepared By:** MAO

YORK Sample ID	Client Sample ID	Preparation Date
20H0563-01	EP17_e160	08/17/20
20H0563-02	EP21_e160	08/17/20
BH00894-BLK1	Blank	08/17/20
BH00894-SRM1	Reference	08/17/20

Batch ID: BH00919 **Preparation Method:** EPA 5030B **Prepared By:** TMP

YORK Sample ID	Client Sample ID	Preparation Date
20H0563-03	TB01_081420	08/17/20
BH00919-BLK1	Blank	08/17/20
BH00919-BS1	LCS	08/17/20
BH00919-BSD1	LCS Dup	08/17/20

Batch ID: BH00922 **Preparation Method:** EPA 5035A **Prepared By:** TMP

YORK Sample ID	Client Sample ID	Preparation Date
20H0563-01	EP17_e160	08/17/20
20H0563-02	EP21_e160	08/17/20
BH00922-BLK1	Blank	08/17/20
BH00922-BLK2	Blank	08/17/20

BH00922-BLK3	Blank	08/17/20
BH00922-BS1	LCS	08/17/20
BH00922-BSD1	LCS Dup	08/17/20

Batch ID: BH00949 **Preparation Method:** Analysis Preparation Soil **Prepared By:** JAG

YORK Sample ID	Client Sample ID	Preparation Date
20H0563-01	EP17_e160	08/18/20
20H0563-02	EP21_e160	08/18/20
BH00949-BLK1	Blank	08/18/20
BH00949-SRM1	Reference	08/18/20

Batch ID: BH00976 **Preparation Method:** EPA 3550C **Prepared By:** LJ

YORK Sample ID	Client Sample ID	Preparation Date
20H0563-01	EP17_e160	08/18/20
BH00976-BLK1	Blank	08/18/20
BH00976-BS1	LCS	08/18/20

Batch ID: BH01070 **Preparation Method:** EPA 3550C **Prepared By:** LJ

YORK Sample ID	Client Sample ID	Preparation Date
20H0563-01	EP17_e160	08/19/20
20H0563-02	EP21_e160	08/19/20
BH01070-BLK1	Blank	08/19/20
BH01070-BS1	LCS	08/19/20

Batch ID: BH01074 **Preparation Method:** EPA 3550C **Prepared By:** LJ

YORK Sample ID	Client Sample ID	Preparation Date
20H0563-02	EP21_e160	08/19/20
BH01074-BLK1	Blank	08/19/20
BH01074-BS1	LCS	08/19/20

Batch ID: BH01241 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
20H0563-01	EP17_e160	08/21/20
20H0563-02	EP21_e160	08/21/20

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 BH00919 - EPA 5030B											
Blank (BH00919-BLK1) Blank									Prepared & Analyzed: 08/17/2020		
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	1.59	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 BH00919 - EPA 5030B											
Blank (BH00919-BLK1) Blank								Prepared & Analyzed: 08/17/2020			
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	*9.75*		*"*	*10.0*		*97.5*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.51*		*"*	*10.0*		*95.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*79-122*				
LCS (BH00919-BS1) LCS								Prepared & Analyzed: 08/17/2020			
1,1,1,2-Tetrachloroethane	8.18		ug/L	10.0		81.8	82-126	Low Bias			
1,1,1-Trichloroethane	9.36		"	10.0		93.6	78-136				
1,1,2,2-Tetrachloroethane	8.87		"	10.0		88.7	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2		"	10.0		102	54-165				
1,1,2-Trichloroethane	8.70		"	10.0		87.0	82-123				
1,1-Dichloroethane	9.83		"	10.0		98.3	82-129				
1,1-Dichloroethylene	9.99		"	10.0		99.9	68-138				
1,2,3-Trichlorobenzene	4.78		"	10.0		47.8	76-136	Low Bias			
1,2,3-Trichloropropane	9.62		"	10.0		96.2	77-128				
1,2,4-Trichlorobenzene	6.35		"	10.0		63.5	76-137	Low Bias			
1,2,4-Trimethylbenzene	9.69		"	10.0		96.9	82-132				
1,2-Dibromo-3-chloropropane	7.44		"	10.0		74.4	45-147				
1,2-Dibromoethane	8.74		"	10.0		87.4	83-124				
1,2-Dichlorobenzene	9.22		"	10.0		92.2	79-123				
1,2-Dichloroethane	9.53		"	10.0		95.3	73-132				
1,2-Dichloropropane	8.40		"	10.0		84.0	78-126				
1,3,5-Trimethylbenzene	9.39		"	10.0		93.9	80-131				
1,3-Dichlorobenzene	9.71		"	10.0		97.1	86-122				
1,4-Dichlorobenzene	9.81		"	10.0		98.1	85-124				
1,4-Dioxane	361		"	210		172	10-349				
2-Butanone	8.94		"	10.0		89.4	49-152				
2-Hexanone	7.10		"	10.0		71.0	51-146				
4-Methyl-2-pentanone	7.09		"	10.0		70.9	57-145				
Acetone	9.23		"	10.0		92.3	14-150				
Acrolein	3.69		"	10.0		36.9	10-153				
Acrylonitrile	10.6		"	10.0		106	51-150				
Benzene	9.97		"	10.0		99.7	85-126				
Bromochloromethane	9.59		"	10.0		95.9	77-128				
Bromodichloromethane	8.11		"	10.0		81.1	79-128				

Volatile Organic Compounds by GC/MS - Quality Control Data

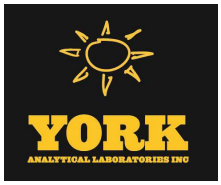
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH00919 - EPA 5030B											
LCS (BH00919-BS1) LCS								Prepared & Analyzed: 08/17/2020			
Bromoform	7.26		ug/L	10.0		72.6	78-133	Low Bias			
Bromomethane	7.55		"	10.0		75.5	43-168				
Carbon disulfide	10.0		"	10.0		100	68-146				
Carbon tetrachloride	8.08		"	10.0		80.8	77-141				
Chlorobenzene	9.50		"	10.0		95.0	88-120				
Chloroethane	11.4		"	10.0		114	65-136				
Chloroform	10.1		"	10.0		101	82-128				
Chloromethane	8.76		"	10.0		87.6	43-155				
cis-1,2-Dichloroethylene	10.4		"	10.0		104	83-129				
cis-1,3-Dichloropropylene	8.46		"	10.0		84.6	80-131				
Cyclohexane	9.46		"	10.0		94.6	63-149				
Dibromochloromethane	7.94		"	10.0		79.4	80-130	Low Bias			
Dibromomethane	8.23		"	10.0		82.3	72-134				
Dichlorodifluoromethane	9.66		"	10.0		96.6	44-144				
Ethyl Benzene	8.98		"	10.0		89.8	80-131				
Hexachlorobutadiene	7.96		"	10.0		79.6	67-146				
Isopropylbenzene	8.95		"	10.0		89.5	76-140				
Methyl acetate	8.98		"	10.0		89.8	51-139				
Methyl tert-butyl ether (MTBE)	9.10		"	10.0		91.0	76-135				
Methylcyclohexane	6.30		"	10.0		63.0	72-143	Low Bias			
Methylene chloride	9.54		"	10.0		95.4	55-137				
n-Butylbenzene	8.10		"	10.0		81.0	79-132				
n-Propylbenzene	8.61		"	10.0		86.1	78-133				
o-Xylene	8.99		"	10.0		89.9	78-130				
p- & m- Xylenes	18.0		"	20.0		89.8	77-133				
p-Isopropyltoluene	8.73		"	10.0		87.3	81-136				
sec-Butylbenzene	8.44		"	10.0		84.4	79-137				
Styrene	9.21		"	10.0		92.1	67-132				
tert-Butyl alcohol (TBA)	40.2		"	50.0		80.5	25-162				
tert-Butylbenzene	7.24		"	10.0		72.4	77-138	Low Bias			
Tetrachloroethylene	8.96		"	10.0		89.6	82-131				
Toluene	8.79		"	10.0		87.9	80-127				
trans-1,2-Dichloroethylene	10.2		"	10.0		102	80-132				
trans-1,3-Dichloropropylene	7.71		"	10.0		77.1	78-131	Low Bias			
Trichloroethylene	8.68		"	10.0		86.8	82-128				
Trichlorofluoromethane	11.0		"	10.0		110	67-139				
Vinyl Chloride	10.4		"	10.0		104	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.37*		*"*	*10.0*		*93.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.7*		*"*	*10.0*		*107*	*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 BH00919 - EPA 5030B											
LCS Dup (BH00919-BSD1) LCS Dup								Prepared & Analyzed: 08/17/2020			
1,1,1,2-Tetrachloroethane	9.02		ug/L	10.0		90.2	82-126		9.77	30	
1,1,1-Trichloroethane	10.0		"	10.0		100	78-136		6.91	30	
1,1,2,2-Tetrachloroethane	9.58		"	10.0		95.8	76-129		7.70	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.7		"	10.0		117	54-165		13.7	30	
1,1,2-Trichloroethane	9.46		"	10.0		94.6	82-123		8.37	30	
1,1-Dichloroethane	10.1		"	10.0		101	82-129		2.91	30	
1,1-Dichloroethylene	10.7		"	10.0		107	68-138		6.96	30	
1,2,3-Trichlorobenzene	5.63		"	10.0		56.3	76-136	Low Bias	16.3	30	
1,2,3-Trichloropropane	10.3		"	10.0		103	77-128		6.63	30	
1,2,4-Trichlorobenzene	7.05		"	10.0		70.5	76-137	Low Bias	10.4	30	
1,2,4-Trimethylbenzene	10.2		"	10.0		102	82-132		5.52	30	
1,2-Dibromo-3-chloropropane	7.68		"	10.0		76.8	45-147		3.17	30	
1,2-Dibromoethane	9.30		"	10.0		93.0	83-124		6.21	30	
1,2-Dichlorobenzene	9.79		"	10.0		97.9	79-123		6.00	30	
1,2-Dichloroethane	9.98		"	10.0		99.8	73-132		4.61	30	
1,2-Dichloropropane	9.01		"	10.0		90.1	78-126		7.01	30	
1,3,5-Trimethylbenzene	10.0		"	10.0		100	80-131		6.39	30	
1,3-Dichlorobenzene	10.2		"	10.0		102	86-122		5.31	30	
1,4-Dichlorobenzene	10.2		"	10.0		102	85-124		4.29	30	
1,4-Dioxane	391		"	210		186	10-349		7.98	30	
2-Butanone	9.65		"	10.0		96.5	49-152		7.64	30	
2-Hexanone	7.64		"	10.0		76.4	51-146		7.33	30	
4-Methyl-2-pentanone	7.77		"	10.0		77.7	57-145		9.15	30	
Acetone	9.81		"	10.0		98.1	14-150		6.09	30	
Acrolein	3.74		"	10.0		37.4	10-153		1.35	30	
Acrylonitrile	11.6		"	10.0		116	51-150		9.09	30	
Benzene	10.4		"	10.0		104	85-126		3.84	30	
Bromochloromethane	10.1		"	10.0		101	77-128		5.18	30	
Bromodichloromethane	8.76		"	10.0		87.6	79-128		7.71	30	
Bromoform	8.17		"	10.0		81.7	78-133		11.8	30	
Bromomethane	6.87		"	10.0		68.7	43-168		9.43	30	
Carbon disulfide	10.5		"	10.0		105	68-146		4.57	30	
Carbon tetrachloride	9.21		"	10.0		92.1	77-141		13.1	30	
Chlorobenzene	10.1		"	10.0		101	88-120		6.12	30	
Chloroethane	11.6		"	10.0		116	65-136		1.83	30	
Chloroform	10.5		"	10.0		105	82-128		3.87	30	
Chloromethane	8.70		"	10.0		87.0	43-155		0.687	30	
cis-1,2-Dichloroethylene	10.6		"	10.0		106	83-129		2.48	30	
cis-1,3-Dichloropropylene	9.06		"	10.0		90.6	80-131		6.85	30	
Cyclohexane	11.3		"	10.0		113	63-149		17.5	30	
Dibromochloromethane	8.74		"	10.0		87.4	80-130		9.59	30	
Dibromomethane	8.70		"	10.0		87.0	72-134		5.55	30	
Dichlorodifluoromethane	10.3		"	10.0		103	44-144		6.70	30	
Ethyl Benzene	9.62		"	10.0		96.2	80-131		6.88	30	
Hexachlorobutadiene	8.38		"	10.0		83.8	67-146		5.14	30	
Isopropylbenzene	9.56		"	10.0		95.6	76-140		6.59	30	
Methyl acetate	9.73		"	10.0		97.3	51-139		8.02	30	
Methyl tert-butyl ether (MTBE)	9.73		"	10.0		97.3	76-135		6.69	30	
Methylcyclohexane	8.60		"	10.0		86.0	72-143		30.9	30	Non-dir.
Methylene chloride	9.66		"	10.0		96.6	55-137		1.25	30	
n-Butylbenzene	8.48		"	10.0		84.8	79-132		4.58	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

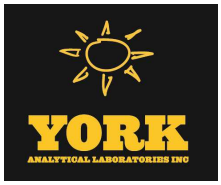
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH00919 - EPA 5030B											
LCS Dup (BH00919-BSD1) LCS Dup								Prepared & Analyzed: 08/17/2020			
n-Propylbenzene	9.24		ug/L	10.0		92.4	78-133		7.06	30	
o-Xylene	9.66		"	10.0		96.6	78-130		7.18	30	
p- & m- Xylenes	19.2		"	20.0		95.8	77-133		6.36	30	
p-Isopropyltoluene	9.41		"	10.0		94.1	81-136		7.50	30	
sec-Butylbenzene	9.06		"	10.0		90.6	79-137		7.09	30	
Styrene	9.94		"	10.0		99.4	67-132		7.62	30	
tert-Butyl alcohol (TBA)	49.2		"	50.0		98.4	25-162		20.1	30	
tert-Butylbenzene	7.70		"	10.0		77.0	77-138		6.16	30	
Tetrachloroethylene	9.83		"	10.0		98.3	82-131		9.26	30	
Toluene	9.36		"	10.0		93.6	80-127		6.28	30	
trans-1,2-Dichloroethylene	10.5		"	10.0		105	80-132		2.99	30	
trans-1,3-Dichloropropylene	8.42		"	10.0		84.2	78-131		8.80	30	
Trichloroethylene	9.21		"	10.0		92.1	82-128		5.93	30	
Trichlorofluoromethane	12.1		"	10.0		121	67-139		9.09	30	
Vinyl Chloride	11.1		"	10.0		111	58-145		6.69	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.45*		*"*	*10.0*		*94.5*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.5*		*"*	*10.0*		*105*	*79-122*				
Batch BH00922 - EPA 5035A											
Blank (BH00922-BLK1) Blank								Prepared & Analyzed: 08/17/2020			
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 BH00922 - EPA 5035A											
Blank (BH00922-BLK1) Blank									Prepared & Analyzed: 08/17/2020		
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	*51.0*		*ug/L*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.8*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.3*		*"*	*50.0*		*107*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

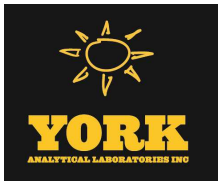
York Analytical Laboratories, Inc.

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

Batch BH00922 - EPA 5035A

Blank (BH00922-BLK2) HOLDING BLANK-20H0563 — Prepared & Analyzed: 08/17/2020

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 BH00922 - EPA 5035A											
Blank (BH00922-BLK2) HOLDING BLANK-20H0563								Prepared & Analyzed: 08/17/2020			
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	*50.1*		*ug/L*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.2*		*"*	*50.0*		*100*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*54.2*		*"*	*50.0*		*108*	*76-130*				
Blank (BH00922-BLK3) Blank								Prepared & Analyzed: 08/17/2020			
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	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

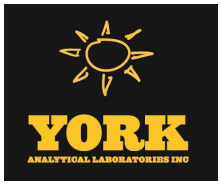
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH00922 - EPA 5035A											
Blank (BH00922-BLK3) Blank									Prepared & Analyzed: 08/17/2020		
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	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	*50.3*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.5*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.9*		*"*	*50.0*		*108*	*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 BH00922 - EPA 5035A											
LCS (BH00922-BS1) LCS							Prepared & Analyzed: 08/17/2020				
1,1,1,2-Tetrachloroethane	41.6		ug/L	50.0		83.2	75-129				
1,1,1-Trichloroethane	52.5		"	50.0		105	71-137				
1,1,2,2-Tetrachloroethane	53.0		"	50.0		106	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49.4		"	50.0		98.8	58-146				
1,1,2-Trichloroethane	51.7		"	50.0		103	83-123				
1,1-Dichloroethane	49.4		"	50.0		98.7	75-130				
1,1-Dichloroethylene	51.9		"	50.0		104	64-137				
1,2,3-Trichlorobenzene	52.8		"	50.0		106	81-140				
1,2,3-Trichloropropane	51.6		"	50.0		103	81-126				
1,2,4-Trichlorobenzene	53.5		"	50.0		107	80-141				
1,2,4-Trimethylbenzene	50.3		"	50.0		101	84-125				
1,2-Dibromo-3-chloropropane	56.1		"	50.0		112	74-142				
1,2-Dibromoethane	50.8		"	50.0		102	86-123				
1,2-Dichlorobenzene	51.6		"	50.0		103	85-122				
1,2-Dichloroethane	51.1		"	50.0		102	71-133				
1,2-Dichloropropane	49.2		"	50.0		98.3	81-122				
1,3,5-Trimethylbenzene	51.2		"	50.0		102	82-126				
1,3-Dichlorobenzene	51.0		"	50.0		102	84-124				
1,4-Dichlorobenzene	50.7		"	50.0		101	84-124				
1,4-Dioxane	1170		"	1050		111	10-228				
2-Butanone	48.9		"	50.0		97.8	58-147				
2-Hexanone	52.1		"	50.0		104	70-139				
4-Methyl-2-pentanone	52.4		"	50.0		105	72-132				
Acetone	37.8		"	50.0		75.5	36-155				
Acrolein	32.3		"	50.0		64.6	10-238				
Acrylonitrile	52.6		"	50.0		105	66-141				
Benzene	51.1		"	50.0		102	77-127				
Bromochloromethane	51.3		"	50.0		103	74-129				
Bromodichloromethane	54.0		"	50.0		108	81-124				
Bromoform	43.9		"	50.0		87.7	80-136				
Bromomethane	67.6		"	50.0		135	32-177				
Carbon disulfide	51.7		"	50.0		103	10-136				
Carbon tetrachloride	54.4		"	50.0		109	66-143				
Chlorobenzene	51.1		"	50.0		102	86-120				
Chloroethane	61.3		"	50.0		123	51-142				
Chloroform	50.9		"	50.0		102	76-131				
Chloromethane	54.8		"	50.0		110	49-132				
cis-1,2-Dichloroethylene	50.7		"	50.0		101	74-132				
cis-1,3-Dichloropropylene	52.4		"	50.0		105	81-129				
Cyclohexane	51.5		"	50.0		103	70-130				
Dibromochloromethane	57.1		"	50.0		114	10-200				
Dibromomethane	50.4		"	50.0		101	83-124				
Dichlorodifluoromethane	49.3		"	50.0		98.6	28-158				
Ethyl Benzene	51.7		"	50.0		103	84-125				
Hexachlorobutadiene	54.2		"	50.0		108	83-133				
Isopropylbenzene	49.7		"	50.0		99.3	81-127				
Methyl acetate	44.7		"	50.0		89.3	41-143				
Methyl tert-butyl ether (MTBE)	49.5		"	50.0		99.0	74-131				
Methylcyclohexane	51.8		"	50.0		104	70-130				
Methylene chloride	53.0		"	50.0		106	57-141				
n-Butylbenzene	53.0		"	50.0		106	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 BH00922 - EPA 5035A											
LCS (BH00922-BS1) LCS							Prepared & Analyzed: 08/17/2020				
n-Propylbenzene	50.5		ug/L	50.0		101	74-136				
o-Xylene	51.0		"	50.0		102	83-123				
p- & m- Xylenes	104		"	100		104	82-128				
p-Isopropyltoluene	51.9		"	50.0		104	85-125				
sec-Butylbenzene	54.0		"	50.0		108	83-125				
Styrene	51.7		"	50.0		103	86-126				
tert-Butyl alcohol (TBA)	237		"	250		94.9	70-130				
tert-Butylbenzene	50.0		"	50.0		99.9	80-127				
Tetrachloroethylene	47.1		"	50.0		94.3	80-129				
Toluene	50.9		"	50.0		102	85-121				
trans-1,2-Dichloroethylene	52.3		"	50.0		105	72-132				
trans-1,3-Dichloropropylene	51.0		"	50.0		102	78-132				
Trichloroethylene	52.0		"	50.0		104	84-123				
Trichlorofluoromethane	55.9		"	50.0		112	62-140				
Vinyl Chloride	56.7		"	50.0		113	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.4*		*"*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.4*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.2*		*"*	*50.0*		*100*	*76-130*				
LCS Dup (BH00922-BSD1) LCS Dup							Prepared & Analyzed: 08/17/2020				
1,1,1,2-Tetrachloroethane	40.0		ug/L	50.0		80.0	75-129		4.00	30	
1,1,1-Trichloroethane	49.9		"	50.0		99.9	71-137		4.98	30	
1,1,2,2-Tetrachloroethane	49.9		"	50.0		99.7	79-129		6.14	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47.7		"	50.0		95.4	58-146		3.50	30	
1,1,2-Trichloroethane	48.5		"	50.0		97.0	83-123		6.35	30	
1,1-Dichloroethane	47.5		"	50.0		95.0	75-130		3.86	30	
1,1-Dichloroethylene	49.3		"	50.0		98.5	64-137		5.28	30	
1,2,3-Trichlorobenzene	51.3		"	50.0		103	81-140		2.86	30	
1,2,3-Trichloropropane	48.3		"	50.0		96.5	81-126		6.75	30	
1,2,4-Trichlorobenzene	50.6		"	50.0		101	80-141		5.61	30	
1,2,4-Trimethylbenzene	47.5		"	50.0		94.9	84-125		5.71	30	
1,2-Dibromo-3-chloropropane	52.6		"	50.0		105	74-142		6.39	30	
1,2-Dibromoethane	48.7		"	50.0		97.4	86-123		4.26	30	
1,2-Dichlorobenzene	48.1		"	50.0		96.1	85-122		7.03	30	
1,2-Dichloroethane	49.2		"	50.0		98.3	71-133		3.87	30	
1,2-Dichloropropane	46.8		"	50.0		93.5	81-122		5.00	30	
1,3,5-Trimethylbenzene	48.4		"	50.0		96.9	82-126		5.60	30	
1,3-Dichlorobenzene	47.6		"	50.0		95.1	84-124		6.98	30	
1,4-Dichlorobenzene	47.5		"	50.0		95.0	84-124		6.58	30	
1,4-Dioxane	1140		"	1050		108	10-228		2.58	30	
2-Butanone	52.6		"	50.0		105	58-147		7.17	30	
2-Hexanone	48.4		"	50.0		96.9	70-139		7.26	30	
4-Methyl-2-pentanone	49.4		"	50.0		98.8	72-132		5.97	30	
Acetone	36.7		"	50.0		73.4	36-155		2.85	30	
Acrolein	30.6		"	50.0		61.2	10-238		5.34	30	
Acrylonitrile	53.4		"	50.0		107	66-141		1.51	30	
Benzene	49.2		"	50.0		98.3	77-127		3.91	30	
Bromochloromethane	49.2		"	50.0		98.4	74-129		4.10	30	
Bromodichloromethane	51.2		"	50.0		102	81-124		5.33	30	
Bromoform	40.1		"	50.0		80.3	80-136		8.90	30	
Bromomethane	67.1		"	50.0		134	32-177		0.624	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 BH00922 - EPA 5035A											
LCS Dup (BH00922-BSD1) LCS Dup							Prepared & Analyzed: 08/17/2020				
Carbon disulfide	49.0		ug/L	50.0		98.0	10-136		5.38	30	
Carbon tetrachloride	53.0		"	50.0		106	66-143		2.74	30	
Chlorobenzene	48.2		"	50.0		96.5	86-120		5.68	30	
Chloroethane	58.8		"	50.0		118	51-142		4.25	30	
Chloroform	49.5		"	50.0		99.0	76-131		2.77	30	
Chloromethane	51.0		"	50.0		102	49-132		7.09	30	
cis-1,2-Dichloroethylene	48.8		"	50.0		97.7	74-132		3.78	30	
cis-1,3-Dichloropropylene	50.1		"	50.0		100	81-129		4.33	30	
Cyclohexane	49.1		"	50.0		98.2	70-130		4.83	30	
Dibromochloromethane	54.4		"	50.0		109	10-200		4.90	30	
Dibromomethane	47.5		"	50.0		95.0	83-124		6.00	30	
Dichlorodifluoromethane	42.7		"	50.0		85.4	28-158		14.4	30	
Ethyl Benzene	49.1		"	50.0		98.2	84-125		5.14	30	
Hexachlorobutadiene	51.1		"	50.0		102	83-133		5.92	30	
Isopropylbenzene	46.5		"	50.0		93.0	81-127		6.61	30	
Methyl acetate	43.7		"	50.0		87.4	41-143		2.22	30	
Methyl tert-butyl ether (MTBE)	47.5		"	50.0		94.9	74-131		4.15	30	
Methylcyclohexane	49.0		"	50.0		98.0	70-130		5.50	30	
Methylene chloride	51.4		"	50.0		103	57-141		3.14	30	
n-Butylbenzene	51.9		"	50.0		104	80-130		2.12	30	
n-Propylbenzene	48.1		"	50.0		96.1	74-136		5.03	30	
o-Xylene	48.2		"	50.0		96.4	83-123		5.63	30	
p- & m- Xylenes	99.8		"	100		99.8	82-128		4.12	30	
p-Isopropyltoluene	49.0		"	50.0		98.0	85-125		5.73	30	
sec-Butylbenzene	51.0		"	50.0		102	83-125		5.62	30	
Styrene	49.2		"	50.0		98.3	86-126		5.00	30	
tert-Butyl alcohol (TBA)	228		"	250		91.1	70-130		4.11	30	
tert-Butylbenzene	46.8		"	50.0		93.7	80-127		6.45	30	
Tetrachloroethylene	44.1		"	50.0		88.1	80-129		6.73	30	
Toluene	48.7		"	50.0		97.4	85-121		4.44	30	
trans-1,2-Dichloroethylene	49.2		"	50.0		98.4	72-132		6.09	30	
trans-1,3-Dichloropropylene	48.8		"	50.0		97.7	78-132		4.42	30	
Trichloroethylene	50.2		"	50.0		100	84-123		3.60	30	
Trichlorofluoromethane	53.6		"	50.0		107	62-140		4.31	30	
Vinyl Chloride	52.4		"	50.0		105	52-130		7.96	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.8*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.6*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.8*		*"*	*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 BH01070 - EPA 3550C											
Blank (BH01070-BLK1) Blank									Prepared: 08/19/2020 Analyzed: 08/20/2020		
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 BH01070 - EPA 3550C											
Blank (BH01070-BLK1) Blank									Prepared: 08/19/2020 Analyzed: 08/20/2020		
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	*0.639*		"	*1.66*		*38.5*	*20-108*				
Surrogate: SURR: Phenol-d5	*0.679*		"	*1.66*		*40.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.449*		"	*0.831*		*54.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.403*		"	*0.831*		*48.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.36*		"	*1.66*		*81.6*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.529*		"	*0.831*		*63.7*	*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 BH01070 - EPA 3550C											
LCS (BH01070-BS1) LCS								Prepared: 08/19/2020 Analyzed: 08/20/2020			
1,1-Biphenyl	0.336	0.0416	mg/kg wet	0.831		40.4	18-111				
1,2,4,5-Tetrachlorobenzene	0.550	0.0830	"	0.955		57.5	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.249	0.0416	"	0.831		29.9	17-137				
2,3,4,6-Tetrachlorophenol	0.347	0.0830	"	0.831		41.8	30-130				
2,4,5-Trichlorophenol	0.356	0.0416	"	0.831		42.9	27-118				
2,4,6-Trichlorophenol	0.441	0.0416	"	0.831		53.1	31-120				
2,4-Dichlorophenol	0.382	0.0416	"	0.831		46.0	20-127				
2,4-Dimethylphenol	0.348	0.0416	"	0.831		41.8	14-132				
2,4-Dinitrophenol	0.248	0.0830	"	0.831		29.8	10-171				
2,4-Dinitrotoluene	0.481	0.0416	"	0.831		58.0	34-131				
2,6-Dinitrotoluene	0.484	0.0416	"	0.831		58.3	31-128				
2-Chloronaphthalene	0.322	0.0416	"	0.831		38.7	31-117				
2-Chlorophenol	0.329	0.0416	"	0.831		39.6	33-113				
2-Methylnaphthalene	0.372	0.0416	"	0.831		44.8	12-138				
2-Methylphenol	0.269	0.0416	"	0.831		32.4	10-136				
2-Nitroaniline	0.390	0.0830	"	0.831		46.9	27-132				
2-Nitrophenol	0.424	0.0416	"	0.831		51.0	17-129				
3- & 4-Methylphenols	0.254	0.0416	"	0.831		30.6	29-103				
3,3-Dichlorobenzidine	0.411	0.0416	"	0.831		49.5	22-149				
3-Nitroaniline	0.334	0.0830	"	0.831		40.2	20-133				
4,6-Dinitro-2-methylphenol	0.448	0.0830	"	0.831		53.9	10-143				
4-Bromophenyl phenyl ether	0.414	0.0416	"	0.831		49.9	29-120				
4-Chloro-3-methylphenol	0.408	0.0416	"	0.831		49.1	24-129				
4-Chloroaniline	0.255	0.0416	"	0.831		30.7	10-132				
4-Chlorophenyl phenyl ether	0.415	0.0416	"	0.831		50.0	27-124				
4-Nitroaniline	0.392	0.0830	"	0.831		47.2	16-128				
4-Nitrophenol	0.384	0.0830	"	0.831		46.2	10-141				
Acenaphthene	0.342	0.0416	"	0.831		41.2	30-121				
Acenaphthylene	0.335	0.0416	"	0.831		40.4	30-115				
Acetophenone	0.343	0.0416	"	0.831		41.2	20-112				
Aniline	0.252	0.166	"	0.831		30.3	10-119				
Anthracene	0.365	0.0416	"	0.831		44.0	34-118				
Atrazine	0.468	0.0416	"	0.831		56.3	26-112				
Benzaldehyde	0.301	0.0416	"	0.831		36.2	21-100				
Benzo(a)anthracene	0.367	0.0416	"	0.831		44.2	32-122				
Benzo(a)pyrene	0.370	0.0416	"	0.831		44.6	29-133				
Benzo(b)fluoranthene	0.409	0.0416	"	0.831		49.2	25-133				
Benzo(g,h,i)perylene	0.388	0.0416	"	0.831		46.8	10-143				
Benzo(k)fluoranthene	0.364	0.0416	"	0.831		43.8	25-128				
Benzoic acid	ND	0.0416	"	0.839			10-140	Low Bias			
Benzyl alcohol	0.356	0.0416	"	0.831		42.9	30-115				
Benzyl butyl phthalate	0.307	0.0416	"	0.831		37.0	26-126				
Bis(2-chloroethoxy)methane	0.249	0.0416	"	0.831		30.0	19-132				
Bis(2-chloroethyl)ether	0.248	0.0416	"	0.831		29.9	19-125				
Bis(2-chloroisopropyl)ether	0.218	0.0416	"	0.831		26.2	20-135				
Bis(2-ethylhexyl)phthalate	0.310	0.0416	"	0.831		37.3	10-155				
Caprolactam	0.371	0.0830	"	0.831		44.6	10-127				
Carbazole	0.341	0.0416	"	0.831		41.1	35-123				
Chrysene	0.365	0.0416	"	0.831		44.0	32-123				
Dibenzo(a,h)anthracene	0.394	0.0416	"	0.831		47.4	10-136				
Dibenzofuran	0.334	0.0416	"	0.831		40.2	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 BH01070 - EPA 3550C											
LCS (BH01070-BS1) LCS									Prepared: 08/19/2020 Analyzed: 08/20/2020		
Diethyl phthalate	0.376	0.0416	mg/kg wet	0.831		45.3	34-116				
Dimethyl phthalate	0.354	0.0416	"	0.831		42.7	35-124				
Di-n-butyl phthalate	0.333	0.0416	"	0.831		40.1	31-116				
Di-n-octyl phthalate	0.345	0.0416	"	0.831		41.5	26-136				
Diphenylamine	0.375	0.0830	"	0.831		45.2	40-140				
Fluoranthene	0.408	0.0416	"	0.831		49.2	33-122				
Fluorene	0.371	0.0416	"	0.831		44.7	29-123				
Hexachlorobenzene	0.313	0.0416	"	0.831		37.6	21-124				
Hexachlorobutadiene	0.489	0.0416	"	0.831		58.9	10-149				
Hexachlorocyclopentadiene	0.101	0.0416	"	0.831		12.2	10-129				
Hexachloroethane	0.308	0.0416	"	0.831		37.1	28-108				
Indeno(1,2,3-cd)pyrene	0.385	0.0416	"	0.831		46.3	10-135				
Isophorone	0.315	0.0416	"	0.831		37.9	20-132				
Naphthalene	0.333	0.0416	"	0.831		40.1	23-124				
Nitrobenzene	0.312	0.0416	"	0.831		37.6	13-132				
N-Nitrosodimethylamine	0.187	0.0416	"	0.831		22.6	11-129				
N-nitroso-di-n-propylamine	0.287	0.0416	"	0.831		34.5	24-119				
N-Nitrosodiphenylamine	0.366	0.0416	"	0.831		44.1	22-152				
Pentachlorophenol	0.288	0.0416	"	0.831		34.7	10-139				
Phenanthrene	0.373	0.0416	"	0.831		44.9	33-123				
Phenol	0.297	0.0416	"	0.831		35.8	23-115				
Pyrene	0.345	0.0416	"	0.831		41.5	32-130				
Pyridine	0.159	0.166	"	0.831		19.2	10-91				
Surrogate: SURR: 2-Fluorophenol	*0.687*		"	*1.66*		*41.4*	*20-108*				
Surrogate: SURR: Phenol-d5	*0.706*		"	*1.66*		*42.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.460*		"	*0.831*		*55.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.417*		"	*0.831*		*50.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.44*		"	*1.66*		*86.9*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.529*		"	*0.831*		*63.7*	*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 BH00976 - EPA 3550C											
Blank (BH00976-BLK1) Blank									Prepared: 08/18/2020 Analyzed: 08/19/2020		
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	"								
Chlordane, total	ND	0.0329	"								
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	0.00822	"								
Toxaphene	ND	0.0832	"								
Surrogate: Decachlorobiphenyl	*0.0624*		*"*	*0.0664*		*93.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0375*		*"*	*0.0664*		*56.4*	*30-150*				
LCS (BH00976-BS1) LCS									Prepared: 08/18/2020 Analyzed: 08/20/2020		
4,4'-DDD	0.0280	0.00164	mg/kg wet	0.0332		84.4	40-140				
4,4'-DDE	0.0224	0.00164	"	0.0332		67.4	40-140				
4,4'-DDT	0.0264	0.00164	"	0.0332		79.5	40-140				
Aldrin	0.0236	0.00164	"	0.0332		71.0	40-140				
alpha-BHC	0.0249	0.00164	"	0.0332		74.9	40-140				
alpha-Chlordane	0.0255	0.00164	"	0.0332		76.6	40-140				
beta-BHC	0.0258	0.00164	"	0.0332		77.5	40-140				
delta-BHC	0.0264	0.00164	"	0.0332		79.5	40-140				
Dieldrin	0.0309	0.00164	"	0.0332		92.9	40-140				
Endosulfan I	0.0279	0.00164	"	0.0332		84.0	40-140				
Endosulfan II	0.0267	0.00164	"	0.0332		80.4	40-140				
Endosulfan sulfate	0.0287	0.00164	"	0.0332		86.5	40-140				
Endrin	0.0254	0.00164	"	0.0332		76.3	40-140				
Endrin aldehyde	0.0277	0.00164	"	0.0332		83.4	40-140				
Endrin ketone	0.0296	0.00164	"	0.0332		89.2	40-140				
gamma-BHC (Lindane)	0.0272	0.00164	"	0.0332		81.8	40-140				
gamma-Chlordane	0.0251	0.00164	"	0.0332		75.5	40-140				
Heptachlor	0.0271	0.00164	"	0.0332		81.7	40-140				
Heptachlor epoxide	0.0252	0.00164	"	0.0332		75.9	40-140				
Methoxychlor	0.0326	0.00822	"	0.0332		98.2	40-140				
Surrogate: Decachlorobiphenyl	*0.0812*		*"*	*0.0664*		*122*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0516*		*"*	*0.0664*		*77.7*	*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 BH01074 - EPA 3550C											
Blank (BH01074-BLK1) Blank									Prepared: 08/19/2020 Analyzed: 08/20/2020		
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	"								
Chlordane, total	ND	0.0329	"								
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	0.00822	"								
Toxaphene	ND	0.0832	"								
Surrogate: Decachlorobiphenyl	*0.0978*		*"*	*0.0664*		*147*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0609*		*"*	*0.0664*		*91.6*	*30-150*				
LCS (BH01074-BS1) LCS									Prepared: 08/19/2020 Analyzed: 08/20/2020		
4,4'-DDD	0.0261	0.00164	mg/kg wet	0.0332		78.4	40-140				
4,4'-DDE	0.0228	0.00164	"	0.0332		68.6	40-140				
4,4'-DDT	0.0231	0.00164	"	0.0332		69.5	40-140				
Aldrin	0.0227	0.00164	"	0.0332		68.4	40-140				
alpha-BHC	0.0233	0.00164	"	0.0332		70.2	40-140				
alpha-Chlordane	0.0237	0.00164	"	0.0332		71.4	40-140				
beta-BHC	0.0231	0.00164	"	0.0332		69.5	40-140				
delta-BHC	0.0239	0.00164	"	0.0332		71.9	40-140				
Dieldrin	0.0290	0.00164	"	0.0332		87.4	40-140				
Endosulfan I	0.0249	0.00164	"	0.0332		74.9	40-140				
Endosulfan II	0.0247	0.00164	"	0.0332		74.3	40-140				
Endosulfan sulfate	0.0246	0.00164	"	0.0332		74.1	40-140				
Endrin	0.0224	0.00164	"	0.0332		67.3	40-140				
Endrin aldehyde	0.0255	0.00164	"	0.0332		76.7	40-140				
Endrin ketone	0.0262	0.00164	"	0.0332		78.8	40-140				
gamma-BHC (Lindane)	0.0254	0.00164	"	0.0332		76.4	40-140				
gamma-Chlordane	0.0232	0.00164	"	0.0332		69.8	40-140				
Heptachlor	0.0257	0.00164	"	0.0332		77.4	40-140				
Heptachlor epoxide	0.0234	0.00164	"	0.0332		70.4	40-140				
Methoxychlor	0.0294	0.00822	"	0.0332		88.5	40-140				
Surrogate: Decachlorobiphenyl	*0.0977*		*"*	*0.0664*		*147*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0621*		*"*	*0.0664*		*93.4*	*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 Y0G1601 - BF00591											
Performance Mix (Y0G1601-F Performance Mix										Prepared & Analyzed: 07/14/2020	
4,4'-DDD	15.0		ng/mL	0.00			0-200				
4,4'-DDE	4.08		"	0.00			0-200				
4,4'-DDT	245		"	200		122	0-200				
Endrin	131		"	100		131	0-200				
Endrin aldehyde	1.24		"	0.00			0-200				
Endrin ketone	7.58		"	0.00			0-200				
Batch Y0H2123 - BH01075											
Performance Mix (Y0H2123-F Performance Mix										Prepared & Analyzed: 08/20/2020	
4,4'-DDD	13.3		ng/mL	0.00			0-200				
4,4'-DDE	1.93		"	0.00			0-200				
4,4'-DDT	169		"	200		84.7	0-200				
Endrin	85.6		"	100		85.6	0-200				
Endrin aldehyde	0.00		"	0.00			0-200				
Endrin ketone	4.47		"	0.00			0-200				

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 BH00856 - EPA 3050B											
Blank (BH00856-BLK1) Blank									Prepared: 08/17/2020 Analyzed: 08/18/2020		
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	3.87	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 (BH00856-SRM1) Reference									Prepared: 08/17/2020 Analyzed: 08/18/2020		
Aluminum	9240	5.00	mg/kg wet	8460		109	50.5-150.1				
Antimony	64.0	2.50	"	120		53.3	19-251.7				
Arsenic	95.4	1.50	"	95.5		99.9	70.1-129.8				
Barium	301	2.50	"	300		100	75-125				
Beryllium	99.1	0.050	"	103		96.3	75-125.2				
Cadmium	129	0.300	"	135		95.2	74.8-125.2				
Calcium	4630	5.00	"	4720		98.0	72.7-127.5				
Chromium	140	0.500	"	147		94.9	70.1-129.9				
Cobalt	43.9	0.400	"	43.2		102	75-125				
Copper	168	2.00	"	150		112	75.3-125.3				
Iron	14500	25.0	"	14400		101	35.8-164.6				
Lead	91.0	0.500	"	92.3		98.6	70-130				
Magnesium	2380	5.00	"	2300		103	61.7-137.8				
Manganese	680	0.500	"	677		100	78.1-122				
Nickel	64.4	1.00	"	59.8		108	70.1-130.1				
Potassium	2110	5.00	"	2030		104	59.1-140.9				
Selenium	19.6	2.50	"	42.0		46.6	55.7-144.5	Low Bias			
Silver	39.6	0.500	"	40.3		98.2	69.2-130.8				
Sodium	143	50.0	"	139		103	36.1-163.3				
Thallium	78.9	2.50	"	83.1		94.9	65.3-146.8				
Vanadium	96.6	1.00	"	96.9		99.7	67-133.1				
Zinc	357	2.50	"	369		96.6	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 BH00864 - EPA 7473 soil											
Blank (BH00864-BLK1) Blank									Prepared & Analyzed: 08/17/2020		
Mercury	ND	0.0300	mg/kg wet								
Reference (BH00864-SRM1) Reference									Prepared & Analyzed: 08/17/2020		
Mercury	2.7837		mg/kg	3.71		75.0	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 BH00894 - EPA SW846-3060											
Blank (BH00894-BLK1) Blank									Prepared & Analyzed: 08/17/2020		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BH00894-SRM1) Reference									Prepared & Analyzed: 08/17/2020		
Chromium, Hexavalent	75.9		mg/L	92.5		82.1	25.95-196.76				
Batch BH00949 - Analysis Preparation Soil											
Blank (BH00949-BLK1) Blank									Prepared & Analyzed: 08/18/2020		
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BH00949-SRM1) Reference									Prepared & Analyzed: 08/18/2020		
Cyanide, total	49.5		ug/mL	96.2		51.5	42.41-156.96				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20H0563-01	EP17_e160	40mL Vial with Stir Bar-Cool 4° C
20H0563-02	EP21_e160	40mL Vial with Stir Bar-Cool 4° C
20H0563-03	TB01_081420	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

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.
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-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.
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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. 20H0563

Page 1 of 1

YOUR Information	Report To:	Invoice To:
Company: LANGAN	Company:	Company:
Address: 360 W 31st Street, 8th Floor, NY	Address:	Address:
Phone.: 212 479 5400	Phone.:	Phone.:
Contact: KIM SEMON	Contact:	Contact:
E-mail: KSEMON@LANGAN.COM	E-mail:	E-mail:

YOUR Project Number: 170384501

YOUR Project Name: 805-825 ATLANTIC AVENUE

YOUR PO#:

Turn-Around Time

RUSH - Next Day VOCs ONLY	X
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)

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
EP17-e160	S	8/14/20 700	TCL/TAL PART 375 VOCs, SVOCs, METALS PESTICIDES, TCN, TRI/HEX CHROM	
EP21-e160	S	8/14/20 800	TCL/TAL PART 375 VOCs, SVOCs, METALS PESTICIDES, TCN, TRI/HEX CHROM	
TB01-081420	AQ	8/14/20 900	TCL/TAL PART 375 VOCs	

Comments: (A) 24 HOUR TAT VOCs
STANDARD TAT REMAINING ANALYTES

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
TOMAS MONTI LANGAN	8/14/20 17:10	York	8/14/20 1210	York	8/14/20
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Ed/York	8/14/20 16:05	Ed/York	8/14/20 1930		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
				Gale	8/14/2020 1930 / 3.4 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: 12/02/2021
Client Project ID: 170384501
York Project (SDG) No.: 20H0806

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: 12/02/2021
Client Project ID: 170384501
York Project (SDG) No.: 20H0806

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 August 20, 2020 and listed below. The project was identified as your project: **170384501**.

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
20H0806-01	EP18_EL60	Soil	08/20/2020	08/20/2020
20H0806-02	EP22_EL60	Soil	08/20/2020	08/20/2020
20H0806-03	TB01_082020	Water	08/20/2020	08/20/2020

General Notes for York Project (SDG) No.: 20H0806

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: 12/02/2021

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: EP18_EL60 **York Sample ID:** 20H0806-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0806	170384501	Soil	August 20, 2020 7:00 am	08/20/2020

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	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	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	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.049	0.099	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP18_EL60 **York Sample ID:** 20H0806-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0806	170384501	Soil	August 20, 2020 7:00 am	08/20/2020

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	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.039**	CCV-E, ICV-E	mg/kg dry	0.0049	0.0099	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP18_EL60 **York Sample ID:** 20H0806-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0806	170384501	Soil	August 20, 2020 7:00 am	08/20/2020

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	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP18_EL60 **York Sample ID:** 20H0806-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0806	170384501	Soil	August 20, 2020 7:00 am	08/20/2020

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	0.0049	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0074	0.015	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:15	TMP
								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*	*105 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*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	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP18_EL60 **York Sample ID:** 20H0806-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0806	170384501	Soil	August 20, 2020 7:00 am	08/20/2020

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	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.179	0.358	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.179	0.358	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP18_EL60 **York Sample ID:** 20H0806-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0806	170384501	Soil	August 20, 2020 7:00 am	08/20/2020

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	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP18_EL60 **York Sample ID:** 20H0806-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0806	170384501	Soil	August 20, 2020 7:00 am	08/20/2020

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	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.179	0.358	2	EPA 8270D	08/25/2020 06:10	08/26/2020 13:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*53.7 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*54.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*58.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*57.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*71.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*76.5 %*	*24-116*

Sample Information

Client Sample ID: EP18_EL60 **York Sample ID:** 20H0806-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0806	170384501	Soil	August 20, 2020 7:00 am	08/20/2020

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	0.00177	5	EPA 8081B	08/24/2020 05:57	08/24/2020 18:28	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00177	5	EPA 8081B	08/24/2020 05:57	08/24/2020 18:28	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00177	5	EPA 8081B	08/24/2020 05:57	08/24/2020 18:28	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00177	5	EPA 8081B	08/24/2020 05:57	08/24/2020 18:28	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B	08/24/2020 05:57	08/24/2020 18:28	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00177	5	EPA 8081B	08/24/2020 05:57	08/24/2020 18:28	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B	08/24/2020 05:57	08/24/2020 18:28	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	Chlordane, total	ND		mg/kg dry	0.0354	5	EPA 8081B	08/24/2020 05:57	08/24/2020 18:28	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B	08/24/2020 05:57	08/24/2020 18:28	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00177	5	EPA 8081B	08/24/2020 05:57	08/24/2020 18:28	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00177	5	EPA 8081B	08/24/2020 05:57	08/24/2020 18:28	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00177	5	EPA 8081B	08/24/2020 05:57	08/24/2020 18:28	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00177	5	EPA 8081B	08/24/2020 05:57	08/24/2020 18:28	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00177	5	EPA 8081B	08/24/2020 05:57	08/24/2020 18:28	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00177	5	EPA 8081B	08/24/2020 05:57	08/24/2020 18:28	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00177	5	EPA 8081B	08/24/2020 05:57	08/24/2020 18:28	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00177	5	EPA 8081B	08/24/2020 05:57	08/24/2020 18:28	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00177	5	EPA 8081B	08/24/2020 05:57	08/24/2020 18:28	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00177	5	EPA 8081B	08/24/2020 05:57	08/24/2020 18:28	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00177	5	EPA 8081B	08/24/2020 05:57	08/24/2020 18:28	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00885	5	EPA 8081B	08/24/2020 05:57	08/24/2020 18:28	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP18_EL60 **York Sample ID:** 20H0806-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0806	170384501	Soil	August 20, 2020 7:00 am	08/20/2020

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
8001-35-2	Toxaphene	ND		mg/kg dry	0.0896	5	EPA 8081B	08/24/2020 05:57	08/24/2020 18:28	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*105 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.1 %*	*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**	**7290**		mg/kg dry	5.40	1	EPA 6010D	08/21/2020 09:12	08/26/2020 12:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.70	1	EPA 6010D	08/21/2020 09:12	08/26/2020 12:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.62	1	EPA 6010D	08/21/2020 09:12	08/26/2020 12:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**47.2**		mg/kg dry	2.70	1	EPA 6010D	08/21/2020 09:12	08/26/2020 12:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.054	1	EPA 6010D	08/21/2020 09:12	08/26/2020 12:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.324	1	EPA 6010D	08/21/2020 09:12	08/26/2020 12:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**3260**		mg/kg dry	5.40	1	EPA 6010D	08/21/2020 09:12	08/26/2020 12:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**19.7**		mg/kg dry	0.540	1	EPA 6010D	08/21/2020 09:12	08/26/2020 12:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.88**		mg/kg dry	0.432	1	EPA 6010D	08/21/2020 09:12	08/26/2020 12:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**25.0**		mg/kg dry	2.16	1	EPA 6010D	08/21/2020 09:12	08/26/2020 12:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**13700**		mg/kg dry	27.0	1	EPA 6010D	08/21/2020 09:12	08/26/2020 12:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**12.2**		mg/kg dry	0.540	1	EPA 6010D	08/21/2020 09:12	08/26/2020 12:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3070**		mg/kg dry	5.40	1	EPA 6010D	08/21/2020 09:12	08/26/2020 12:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**343**		mg/kg dry	0.540	1	EPA 6010D	08/21/2020 09:12	08/26/2020 12:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**36.2**		mg/kg dry	1.08	1	EPA 6010D	08/21/2020 09:12	08/26/2020 12:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1260**		mg/kg dry	5.40	1	EPA 6010D	08/21/2020 09:12	08/26/2020 12:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP18_EL60 **York Sample ID:** 20H0806-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0806	170384501	Soil	August 20, 2020 7:00 am	08/20/2020

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
7782-49-2	Selenium	ND		mg/kg dry	2.70	1	EPA 6010D	08/21/2020 09:12	08/26/2020 12:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.540	1	EPA 6010D	08/21/2020 09:12	08/26/2020 12:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**173**		mg/kg dry	54.0	1	EPA 6010D	08/21/2020 09:12	08/26/2020 12:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.70	1	EPA 6010D	08/21/2020 09:12	08/26/2020 12:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**28.5**		mg/kg dry	1.08	1	EPA 6010D	08/21/2020 09:12	08/26/2020 12:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**37.9**		mg/kg dry	2.70	1	EPA 6010D	08/21/2020 09:12	08/26/2020 12:37	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	0.0324	1	EPA 7473	08/20/2020 15:31	08/20/2020 19:44	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	0.540	1	EPA 7196A	08/24/2020 08:37	08/24/2020 14:29	SK
							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**	**19.7**		mg/kg	0.500	1	Calculation	08/27/2020 12:39	08/27/2020 12:45	PAM
							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	0.540	1	EPA 9014/9010C	08/26/2020 08:53	08/26/2020 13:38	JAG
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

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

Sample Information

Client Sample ID: **EP18_EL60** **York Sample ID:** **20H0806-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0806	170384501	Soil	August 20, 2020 7:00 am	08/20/2020

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**	**92.6**		%	0.100	1	SM 2540G	08/21/2020 08:08	08/21/2020 15:38	WJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: EP22_EL60 **York Sample ID:** 20H0806-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0806	170384501	Soil	August 20, 2020 8:00 am	08/20/2020

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	08/20/2020 12:04	08/20/2020 15:41	TMP
								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	08/20/2020 12:04	08/20/2020 15:41	TMP
								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	08/20/2020 12:04	08/20/2020 15:41	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	0.0022	0.0044	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:41	TMP
								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	08/20/2020 12:04	08/20/2020 15:41	TMP
								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	08/20/2020 12:04	08/20/2020 15:41	TMP
								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	08/20/2020 12:04	08/20/2020 15:41	TMP
								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	08/20/2020 12:04	08/20/2020 15:41	TMP
								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	08/20/2020 12:04	08/20/2020 15:41	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:41	TMP
								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	08/20/2020 12:04	08/20/2020 15:41	TMP
								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	08/20/2020 12:04	08/20/2020 15:41	TMP
								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	08/20/2020 12:04	08/20/2020 15:41	TMP
								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	08/20/2020 12:04	08/20/2020 15:41	TMP
								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	08/20/2020 12:04	08/20/2020 15:41	TMP
								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	08/20/2020 12:04	08/20/2020 15:41	TMP
								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	08/20/2020 12:04	08/20/2020 15:41	TMP
								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	08/20/2020 12:04	08/20/2020 15:41	TMP
								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	08/20/2020 12:04	08/20/2020 15:41	TMP
								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	08/20/2020 12:04	08/20/2020 15:41	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:41	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP22_EL60 **York Sample ID:** 20H0806-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0806	170384501	Soil	August 20, 2020 8:00 am	08/20/2020

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	08/20/2020 12:04	08/20/2020 15:41	TMP
								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	08/20/2020 12:04	08/20/2020 15:41	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:41	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:41	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:41	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:41	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:41	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:41	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:41	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:41	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:41	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:41	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:41	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:41	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:41	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:41	TMP
								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	08/20/2020 12:04	08/20/2020 15:41	TMP
								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	08/20/2020 12:04	08/20/2020 15:41	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:41	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:41	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:41	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:41	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP22_EL60 **York Sample ID:** 20H0806-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0806	170384501	Soil	August 20, 2020 8:00 am	08/20/2020

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	08/20/2020 12:04	08/20/2020 15:41	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:41	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:41	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:41	TMP
								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	08/20/2020 12:04	08/20/2020 15:41	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:41	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:41	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:41	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:41	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:41	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:41	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:41	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:41	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:41	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:41	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:41	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:41	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:41	TMP
								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	08/20/2020 12:04	08/20/2020 15:41	TMP
								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	08/20/2020 12:04	08/20/2020 15:41	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:41	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:41	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP22_EL60 **York Sample ID:** 20H0806-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0806	170384501	Soil	August 20, 2020 8:00 am	08/20/2020

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	08/20/2020 12:04	08/20/2020 15:41	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C	08/20/2020 12:04	08/20/2020 15:41	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*	*105 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*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	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0886	0.177	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0886	0.177	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0886	0.177	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP22_EL60 **York Sample ID:** 20H0806-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0806	170384501	Soil	August 20, 2020 8:00 am	08/20/2020

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	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0886	0.177	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0886	0.177	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0886	0.177	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0886	0.177	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0886	0.177	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.177	0.355	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.177	0.355	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP22_EL60 **York Sample ID:** 20H0806-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0806	170384501	Soil	August 20, 2020 8:00 am	08/20/2020

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	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0758**	J, B	mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0886	0.177	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	**Di-n-octyl phthalate**	**0.0893**		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0886	0.177	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP22_EL60 **York Sample ID:** 20H0806-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0806	170384501	Soil	August 20, 2020 8:00 am	08/20/2020

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	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.177	0.355	2	EPA 8270D	08/25/2020 06:10	08/26/2020 14:08	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*	*60.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*63.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*60.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*71.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*77.4 %*	*24-116*

Sample Information

Client Sample ID: EP22_EL60 **York Sample ID:** 20H0806-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0806	170384501	Soil	August 20, 2020 8:00 am	08/20/2020

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	0.00176	5	EPA 8081B	08/24/2020 05:57	08/24/2020 18:45	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00176	5	EPA 8081B	08/24/2020 05:57	08/24/2020 18:45	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00176	5	EPA 8081B	08/24/2020 05:57	08/24/2020 18:45	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	08/24/2020 05:57	08/24/2020 18:45	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	08/24/2020 05:57	08/24/2020 18:45	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	08/24/2020 05:57	08/24/2020 18:45	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	08/24/2020 05:57	08/24/2020 18:45	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	Chlordane, total	ND		mg/kg dry	0.0353	5	EPA 8081B	08/24/2020 05:57	08/24/2020 18:45	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	08/24/2020 05:57	08/24/2020 18:45	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	08/24/2020 05:57	08/24/2020 18:45	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00176	5	EPA 8081B	08/24/2020 05:57	08/24/2020 18:45	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00176	5	EPA 8081B	08/24/2020 05:57	08/24/2020 18:45	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00176	5	EPA 8081B	08/24/2020 05:57	08/24/2020 18:45	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00176	5	EPA 8081B	08/24/2020 05:57	08/24/2020 18:45	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00176	5	EPA 8081B	08/24/2020 05:57	08/24/2020 18:45	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00176	5	EPA 8081B	08/24/2020 05:57	08/24/2020 18:45	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00176	5	EPA 8081B	08/24/2020 05:57	08/24/2020 18:45	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	08/24/2020 05:57	08/24/2020 18:45	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00176	5	EPA 8081B	08/24/2020 05:57	08/24/2020 18:45	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00176	5	EPA 8081B	08/24/2020 05:57	08/24/2020 18:45	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00882	5	EPA 8081B	08/24/2020 05:57	08/24/2020 18:45	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP22_EL60 **York Sample ID:** 20H0806-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0806	170384501	Soil	August 20, 2020 8:00 am	08/20/2020

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
8001-35-2	Toxaphene	ND		mg/kg dry	0.0893	5	EPA 8081B	08/24/2020 05:57	08/24/2020 18:45	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*104 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.5 %*	*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**	**7440**		mg/kg dry	5.38	1	EPA 6010D	08/21/2020 09:12	08/26/2020 12:39	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.69	1	EPA 6010D	08/21/2020 09:12	08/26/2020 12:39	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.62	1	EPA 6010D	08/21/2020 09:12	08/26/2020 12:39	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**47.4**		mg/kg dry	2.69	1	EPA 6010D	08/21/2020 09:12	08/26/2020 12:39	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.054	1	EPA 6010D	08/21/2020 09:12	08/26/2020 12:39	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.323	1	EPA 6010D	08/21/2020 09:12	08/26/2020 12:39	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1970**		mg/kg dry	5.38	1	EPA 6010D	08/21/2020 09:12	08/26/2020 12:39	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**22.4**		mg/kg dry	0.538	1	EPA 6010D	08/21/2020 09:12	08/26/2020 12:39	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**9.17**		mg/kg dry	0.431	1	EPA 6010D	08/21/2020 09:12	08/26/2020 12:39	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**23.3**		mg/kg dry	2.15	1	EPA 6010D	08/21/2020 09:12	08/26/2020 12:39	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**13600**		mg/kg dry	26.9	1	EPA 6010D	08/21/2020 09:12	08/26/2020 12:39	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**9.64**		mg/kg dry	0.538	1	EPA 6010D	08/21/2020 09:12	08/26/2020 12:39	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3350**		mg/kg dry	5.38	1	EPA 6010D	08/21/2020 09:12	08/26/2020 12:39	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**349**		mg/kg dry	0.538	1	EPA 6010D	08/21/2020 09:12	08/26/2020 12:39	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**56.2**		mg/kg dry	1.08	1	EPA 6010D	08/21/2020 09:12	08/26/2020 12:39	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1510**		mg/kg dry	5.38	1	EPA 6010D	08/21/2020 09:12	08/26/2020 12:39	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP22_EL60 **York Sample ID:** 20H0806-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0806	170384501	Soil	August 20, 2020 8:00 am	08/20/2020

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
7782-49-2	Selenium	ND		mg/kg dry	2.69	1	EPA 6010D	08/21/2020 09:12	08/26/2020 12:39	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.538	1	EPA 6010D	08/21/2020 09:12	08/26/2020 12:39	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**194**		mg/kg dry	53.8	1	EPA 6010D	08/21/2020 09:12	08/26/2020 12:39	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.69	1	EPA 6010D	08/21/2020 09:12	08/26/2020 12:39	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**27.0**		mg/kg dry	1.08	1	EPA 6010D	08/21/2020 09:12	08/26/2020 12:39	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**38.0**		mg/kg dry	2.69	1	EPA 6010D	08/21/2020 09:12	08/26/2020 12:39	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	0.0323	1	EPA 7473	08/20/2020 15:31	08/20/2020 19:53	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	0.538	1	EPA 7196A	08/24/2020 08:37	08/24/2020 14:29	SK
							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**	**22.4**		mg/kg	0.500	1	Calculation	08/27/2020 12:39	08/27/2020 12:45	PAM
							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	0.538	1	EPA 9014/9010C	08/26/2020 08:53	08/26/2020 13:38	JAG
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

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

Sample Information

Client Sample ID: **EP22_EL60** **York Sample ID:** **20H0806-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0806	170384501	Soil	August 20, 2020 8:00 am	08/20/2020

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**	**92.9**		%	0.100	1	SM 2540G	08/21/2020 08:02	08/21/2020 12:09	WJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: TB01_082020 **York Sample ID:** 20H0806-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0806	170384501	Water	August 20, 2020 10:00 am	08/20/2020

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	08/28/2020 12:30	08/29/2020 03:02	CLO
								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	08/28/2020 12:30	08/29/2020 03:02	CLO
								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	08/28/2020 12:30	08/29/2020 03:02	CLO
								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	08/28/2020 12:30	08/29/2020 03:02	CLO
								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	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								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	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								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	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								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	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB01_082020 **York Sample ID:** 20H0806-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0806	170384501	Water	August 20, 2020 10:00 am	08/20/2020

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	08/28/2020 12:30	08/29/2020 03:02	CLO
								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	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	**Chloroform**	**0.350**		ug/L	0.200	0.500	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								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	08/28/2020 12:30	08/29/2020 03:02	CLO
								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	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB01_082020 **York Sample ID:** 20H0806-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0806	170384501	Water	August 20, 2020 10:00 am	08/20/2020

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	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								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	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								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	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								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	08/28/2020 12:30	08/29/2020 03:02	CLO
								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	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB01_082020 **York Sample ID:** 20H0806-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H0806	170384501	Water	August 20, 2020 10:00 am	08/20/2020

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	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	08/28/2020 12:30	08/29/2020 03:02	CLO
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*88.4 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.2 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*79-122*

Analytical Batch Summary

Batch ID: BH01182 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20H0806-01	EP18_EL60	08/20/20
20H0806-02	EP22_EL60	08/20/20
BH01182-BLK1	Blank	08/20/20
BH01182-DUP1	Duplicate	08/20/20
BH01182-MS1	Matrix Spike	08/20/20
BH01182-SRM1	Reference	08/20/20

Batch ID: BH01202 **Preparation Method:** % Solids Prep **Prepared By:** WJM

YORK Sample ID	Client Sample ID	Preparation Date
20H0806-02	EP22_EL60	08/21/20
BH01202-DUP1	Duplicate	08/21/20

Batch ID: BH01206 **Preparation Method:** % Solids Prep **Prepared By:** WJM

YORK Sample ID	Client Sample ID	Preparation Date
20H0806-01	EP18_EL60	08/21/20
BH01206-DUP1	Duplicate	08/21/20

Batch ID: BH01222 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20H0806-01	EP18_EL60	08/21/20
20H0806-02	EP22_EL60	08/21/20
BH01222-BLK1	Blank	08/21/20
BH01222-DUP1	Duplicate	08/21/20
BH01222-MS1	Matrix Spike	08/21/20
BH01222-PS1	Post Spike	08/21/20
BH01222-SRM1	Reference	08/21/20

Batch ID: BH01257 **Preparation Method:** EPA 5035A **Prepared By:** TMP

YORK Sample ID	Client Sample ID	Preparation Date
20H0806-01	EP18_EL60	08/20/20
20H0806-02	EP22_EL60	08/20/20
BH01257-BLK1	Blank	08/20/20
BH01257-BLK2	Blank	08/20/20
BH01257-BLK3	Blank	08/20/20
BH01257-BS1	LCS	08/20/20
BH01257-BSD1	LCS Dup	08/20/20

Batch ID: BH01289 **Preparation Method:** EPA 3550C **Prepared By:** TSS

YORK Sample ID	Client Sample ID	Preparation Date
20H0806-01	EP18_EL60	08/24/20
20H0806-02	EP22_EL60	08/24/20
BH01289-BLK1	Blank	08/24/20
BH01289-BS1	LCS	08/24/20
BH01289-MS1	Matrix Spike	08/24/20
BH01289-MSD1	Matrix Spike Dup	08/24/20

Batch ID: BH01302 **Preparation Method:** EPA SW846-3060 **Prepared By:** SK

YORK Sample ID	Client Sample ID	Preparation Date
20H0806-01	EP18_EL60	08/24/20
20H0806-02	EP22_EL60	08/24/20
BH01302-BLK1	Blank	08/24/20
BH01302-DUP1	Duplicate	08/24/20
BH01302-MS1	Matrix Spike	08/24/20
BH01302-SRM1	Reference	08/24/20

Batch ID: BH01370 **Preparation Method:** EPA 3550C **Prepared By:** LJ

YORK Sample ID	Client Sample ID	Preparation Date
20H0806-01	EP18_EL60	08/25/20
20H0806-02	EP22_EL60	08/25/20
BH01370-BLK1	Blank	08/25/20
BH01370-BS1	LCS	08/25/20
BH01370-MS1	Matrix Spike	08/25/20
BH01370-MSD1	Matrix Spike Dup	08/25/20

Batch ID: BH01452 **Preparation Method:** Analysis Preparation Soil **Prepared By:** JAG

YORK Sample ID	Client Sample ID	Preparation Date
20H0806-01	EP18_EL60	08/26/20
20H0806-02	EP22_EL60	08/26/20
BH01452-BLK1	Blank	08/26/20
BH01452-DUP1	Duplicate	08/26/20
BH01452-MS1	Matrix Spike	08/26/20
BH01452-SRM1	Reference	08/26/20

Batch ID: BH01552 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
20H0806-01	EP18_EL60	08/27/20
20H0806-02	EP22_EL60	08/27/20

Batch ID: BH01612 **Preparation Method:** EPA 5030B **Prepared By:** AH

YORK Sample ID	Client Sample ID	Preparation Date
20H0806-03	TB01_082020	08/28/20
BH01612-BLK1	Blank	08/28/20
BH01612-BS1	LCS	08/28/20
BH01612-BSD1	LCS Dup	08/28/20

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 BH01257 - EPA 5035A											
Blank (BH01257-BLK1)									Prepared & Analyzed: 08/20/2020		
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 BH01257 - EPA 5035A											
Blank (BH01257-BLK1)											Prepared & Analyzed: 08/20/2020
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	*51.5*		*ug/L*	*50.0*		*103*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.2*		*"*	*50.0*		*104*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*56.0*		*"*	*50.0*		*112*	*76-130*				
Blank (BH01257-BLK2)											Prepared & Analyzed: 08/20/2020
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 BH01257 - EPA 5035A											
Blank (BH01257-BLK2)											Prepared & Analyzed: 08/20/2020
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	*50.7*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.8*		*"*	*50.0*		*104*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*54.5*		*"*	*50.0*		*109*	*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 BH01257 - EPA 5035A											
Blank (BH01257-BLK3)											
Prepared: 08/20/2020 Analyzed: 08/21/2020											
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 BH01257 - EPA 5035A											
Blank (BH01257-BLK3)											Prepared: 08/20/2020 Analyzed: 08/21/2020
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	*50.7*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.0*		*"*	*50.0*		*100*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.8*		*"*	*50.0*		*102*	*76-130*				
LCS (BH01257-BS1)											Prepared & Analyzed: 08/20/2020
1,1,1,2-Tetrachloroethane	41.8		ug/L	50.0		83.6	75-129				
1,1,1-Trichloroethane	52.7		"	50.0		105	71-137				
1,1,2,2-Tetrachloroethane	53.7		"	50.0		107	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	61.2		"	50.0		122	58-146				
1,1,2-Trichloroethane	50.1		"	50.0		100	83-123				
1,1-Dichloroethane	49.1		"	50.0		98.2	75-130				
1,1-Dichloroethylene	55.5		"	50.0		111	64-137				
1,2,3-Trichlorobenzene	49.3		"	50.0		98.5	81-140				
1,2,3-Trichloropropane	52.4		"	50.0		105	81-126				
1,2,4-Trichlorobenzene	50.2		"	50.0		100	80-141				
1,2,4-Trimethylbenzene	49.0		"	50.0		98.0	84-125				
1,2-Dibromo-3-chloropropane	63.4		"	50.0		127	74-142				
1,2-Dibromoethane	50.2		"	50.0		100	86-123				
1,2-Dichlorobenzene	49.9		"	50.0		99.7	85-122				
1,2-Dichloroethane	51.7		"	50.0		103	71-133				
1,2-Dichloropropane	48.0		"	50.0		96.1	81-122				
1,3,5-Trimethylbenzene	51.2		"	50.0		102	82-126				
1,3-Dichlorobenzene	48.9		"	50.0		97.7	84-124				
1,4-Dichlorobenzene	48.5		"	50.0		97.0	84-124				
1,4-Dioxane	1020		"	1050		97.3	10-228				
2-Butanone	53.2		"	50.0		106	58-147				
2-Hexanone	54.6		"	50.0		109	70-139				
4-Methyl-2-pentanone	56.0		"	50.0		112	72-132				
Acetone	37.4		"	50.0		74.9	36-155				
Acrolein	118		"	50.0		235	10-238				
Acrylonitrile	53.4		"	50.0		107	66-141				
Benzene	49.0		"	50.0		97.9	77-127				
Bromochloromethane	50.7		"	50.0		101	74-129				
Bromodichloromethane	56.8		"	50.0		114	81-124				
Bromoform	49.8		"	50.0		99.7	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 BH01257 - EPA 5035A											
LCS (BH01257-BS1)								Prepared & Analyzed: 08/20/2020			
Bromomethane	105		ug/L	50.0		211	32-177	High Bias			
Carbon disulfide	54.5		"	50.0		109	10-136				
Carbon tetrachloride	57.9		"	50.0		116	66-143				
Chlorobenzene	48.8		"	50.0		97.7	86-120				
Chloroethane	103		"	50.0		207	51-142	High Bias			
Chloroform	49.7		"	50.0		99.4	76-131				
Chloromethane	63.4		"	50.0		127	49-132				
cis-1,2-Dichloroethylene	49.6		"	50.0		99.3	74-132				
cis-1,3-Dichloropropylene	52.9		"	50.0		106	81-129				
Cyclohexane	49.7		"	50.0		99.5	70-130				
Dibromochloromethane	61.7		"	50.0		123	10-200				
Dibromomethane	51.6		"	50.0		103	83-124				
Dichlorodifluoromethane	70.8		"	50.0		142	28-158				
Ethyl Benzene	50.6		"	50.0		101	84-125				
Hexachlorobutadiene	50.2		"	50.0		100	83-133				
Isopropylbenzene	49.0		"	50.0		98.0	81-127				
Methyl acetate	43.2		"	50.0		86.4	41-143				
Methyl tert-butyl ether (MTBE)	50.3		"	50.0		101	74-131				
Methylcyclohexane	49.9		"	50.0		99.9	70-130				
Methylene chloride	53.4		"	50.0		107	57-141				
n-Butylbenzene	54.7		"	50.0		109	80-130				
n-Propylbenzene	51.2		"	50.0		102	74-136				
o-Xylene	49.3		"	50.0		98.7	83-123				
p- & m- Xylenes	102		"	100		102	82-128				
p-Isopropyltoluene	51.0		"	50.0		102	85-125				
sec-Butylbenzene	53.9		"	50.0		108	83-125				
Styrene	50.1		"	50.0		100	86-126				
tert-Butyl alcohol (TBA)	241		"	250		96.4	70-130				
tert-Butylbenzene	48.9		"	50.0		97.7	80-127				
Tetrachloroethylene	45.4		"	50.0		90.8	80-129				
Toluene	49.7		"	50.0		99.3	85-121				
trans-1,2-Dichloroethylene	51.2		"	50.0		102	72-132				
trans-1,3-Dichloropropylene	52.8		"	50.0		106	78-132				
Trichloroethylene	52.0		"	50.0		104	84-123				
Trichlorofluoromethane	78.0		"	50.0		156	62-140	High Bias			
Vinyl Chloride	65.5		"	50.0		131	52-130	High Bias			
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.6*		*"*	*50.0*		*105*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.7*		*"*	*50.0*		*103*	*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 BH01257 - EPA 5035A											
LCS Dup (BH01257-BSD1)								Prepared & Analyzed: 08/20/2020			
1,1,1,2-Tetrachloroethane	43.5		ug/L	50.0		87.0	75-129		4.01	30	
1,1,1-Trichloroethane	54.4		"	50.0		109	71-137		3.18	30	
1,1,2,2-Tetrachloroethane	56.4		"	50.0		113	79-129		4.96	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	57.1		"	50.0		114	58-146		6.90	30	
1,1,2-Trichloroethane	52.7		"	50.0		105	83-123		4.94	30	
1,1-Dichloroethane	49.4		"	50.0		98.8	75-130		0.568	30	
1,1-Dichloroethylene	56.1		"	50.0		112	64-137		1.13	30	
1,2,3-Trichlorobenzene	50.4		"	50.0		101	81-140		2.33	30	
1,2,3-Trichloropropane	55.2		"	50.0		110	81-126		5.15	30	
1,2,4-Trichlorobenzene	50.8		"	50.0		102	80-141		1.05	30	
1,2,4-Trimethylbenzene	51.7		"	50.0		103	84-125		5.42	30	
1,2-Dibromo-3-chloropropane	66.2		"	50.0		132	74-142		4.23	30	
1,2-Dibromoethane	54.3		"	50.0		109	86-123		7.77	30	
1,2-Dichlorobenzene	51.4		"	50.0		103	85-122		2.98	30	
1,2-Dichloroethane	53.2		"	50.0		106	71-133		2.84	30	
1,2-Dichloropropane	51.2		"	50.0		102	81-122		6.41	30	
1,3,5-Trimethylbenzene	52.4		"	50.0		105	82-126		2.39	30	
1,3-Dichlorobenzene	50.4		"	50.0		101	84-124		3.04	30	
1,4-Dichlorobenzene	50.1		"	50.0		100	84-124		3.26	30	
1,4-Dioxane	1210		"	1050		115	10-228		16.8	30	
2-Butanone	49.5		"	50.0		99.0	58-147		7.24	30	
2-Hexanone	58.6		"	50.0		117	70-139		7.07	30	
4-Methyl-2-pentanone	57.8		"	50.0		116	72-132		3.15	30	
Acetone	37.8		"	50.0		75.5	36-155		0.904	30	
Acrolein	115		"	50.0		231	10-238		1.92	30	
Acrylonitrile	54.3		"	50.0		109	66-141		1.56	30	
Benzene	51.5		"	50.0		103	77-127		5.06	30	
Bromochloromethane	51.8		"	50.0		104	74-129		1.99	30	
Bromodichloromethane	58.6		"	50.0		117	81-124		3.05	30	
Bromoform	52.3		"	50.0		105	80-136		4.72	30	
Bromomethane	89.5		"	50.0		179	32-177	High Bias	16.2	30	
Carbon disulfide	57.7		"	50.0		115	10-136		5.72	30	
Carbon tetrachloride	59.8		"	50.0		120	66-143		3.21	30	
Chlorobenzene	51.3		"	50.0		103	86-120		4.87	30	
Chloroethane	98.7		"	50.0		197	51-142	High Bias	4.55	30	
Chloroform	52.0		"	50.0		104	76-131		4.41	30	
Chloromethane	70.4		"	50.0		141	49-132	High Bias	10.5	30	
cis-1,2-Dichloroethylene	51.4		"	50.0		103	74-132		3.48	30	
cis-1,3-Dichloropropylene	56.0		"	50.0		112	81-129		5.71	30	
Cyclohexane	51.8		"	50.0		104	70-130		4.12	30	
Dibromochloromethane	63.6		"	50.0		127	10-200		3.05	30	
Dibromomethane	52.9		"	50.0		106	83-124		2.51	30	
Dichlorodifluoromethane	77.6		"	50.0		155	28-158		9.25	30	
Ethyl Benzene	52.6		"	50.0		105	84-125		3.92	30	
Hexachlorobutadiene	51.6		"	50.0		103	83-133		2.91	30	
Isopropylbenzene	50.8		"	50.0		102	81-127		3.51	30	
Methyl acetate	43.5		"	50.0		86.9	41-143		0.669	30	
Methyl tert-butyl ether (MTBE)	52.8		"	50.0		106	74-131		4.83	30	
Methylcyclohexane	53.8		"	50.0		108	70-130		7.40	30	
Methylene chloride	54.2		"	50.0		108	57-141		1.47	30	
n-Butylbenzene	56.2		"	50.0		112	80-130		2.65	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 BH01257 - EPA 5035A											
LCS Dup (BH01257-BSD1)								Prepared & Analyzed: 08/20/2020			
n-Propylbenzene	52.7		ug/L	50.0		105	74-136		2.87	30	
o-Xylene	51.6		"	50.0		103	83-123		4.42	30	
p- & m- Xylenes	107		"	100		107	82-128		4.69	30	
p-Isopropyltoluene	52.8		"	50.0		106	85-125		3.37	30	
sec-Butylbenzene	55.2		"	50.0		110	83-125		2.51	30	
Styrene	52.4		"	50.0		105	86-126		4.53	30	
tert-Butyl alcohol (TBA)	254		"	250		102	70-130		5.24	30	
tert-Butylbenzene	51.1		"	50.0		102	80-127		4.48	30	
Tetrachloroethylene	46.2		"	50.0		92.5	80-129		1.79	30	
Toluene	51.9		"	50.0		104	85-121		4.43	30	
trans-1,2-Dichloroethylene	51.9		"	50.0		104	72-132		1.42	30	
trans-1,3-Dichloropropylene	53.8		"	50.0		108	78-132		1.93	30	
Trichloroethylene	53.9		"	50.0		108	84-123		3.44	30	
Trichlorofluoromethane	77.4		"	50.0		155	62-140	High Bias	0.875	30	
Vinyl Chloride	71.7		"	50.0		143	52-130	High Bias	9.15	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.6*		*"*	*50.0*		*105*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.5*		*"*	*50.0*		*103*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.6*		*"*	*50.0*		*101*	*76-130*				
Batch BH01612 - EPA 5030B											
Blank (BH01612-BLK1)								Prepared & Analyzed: 08/28/2020			
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	"								

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 BH01612 - EPA 5030B											
Blank (BH01612-BLK1)											
Prepared & Analyzed: 08/28/2020											
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	ND	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	*8.74*		*"*	*10.0*		*87.4*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH01612 - EPA 5030B											
LCS (BH01612-BS1)								Prepared & Analyzed: 08/28/2020			
1,1,1,2-Tetrachloroethane	11.0		ug/L	10.0		110	82-126				
1,1,1-Trichloroethane	10.8		"	10.0		108	78-136				
1,1,2,2-Tetrachloroethane	9.80		"	10.0		98.0	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.9		"	10.0		119	54-165				
1,1,2-Trichloroethane	9.87		"	10.0		98.7	82-123				
1,1-Dichloroethane	9.42		"	10.0		94.2	82-129				
1,1-Dichloroethylene	10.3		"	10.0		103	68-138				
1,2,3-Trichlorobenzene	8.94		"	10.0		89.4	76-136				
1,2,3-Trichloropropane	9.19		"	10.0		91.9	77-128				
1,2,4-Trichlorobenzene	9.26		"	10.0		92.6	76-137				
1,2,4-Trimethylbenzene	9.98		"	10.0		99.8	82-132				
1,2-Dibromo-3-chloropropane	9.29		"	10.0		92.9	45-147				
1,2-Dibromoethane	10.7		"	10.0		107	83-124				
1,2-Dichlorobenzene	9.96		"	10.0		99.6	79-123				
1,2-Dichloroethane	9.35		"	10.0		93.5	73-132				
1,2-Dichloropropane	10.0		"	10.0		100	78-126				
1,3,5-Trimethylbenzene	10.1		"	10.0		101	80-131				
1,3-Dichlorobenzene	10.0		"	10.0		100	86-122				
1,4-Dichlorobenzene	9.38		"	10.0		93.8	85-124				
1,4-Dioxane	2.24		"	210		1.07	10-349	Low Bias			
2-Butanone	10.5		"	10.0		105	49-152				
2-Hexanone	9.94		"	10.0		99.4	51-146				
4-Methyl-2-pentanone	10.3		"	10.0		103	57-145				
Acetone	9.11		"	10.0		91.1	14-150				
Acrolein	2.72		"	10.0		27.2	10-153				
Acrylonitrile	11.2		"	10.0		112	51-150				
Benzene	10.2		"	10.0		102	85-126				
Bromochloromethane	9.69		"	10.0		96.9	77-128				
Bromodichloromethane	10.4		"	10.0		104	79-128				
Bromoform	9.73		"	10.0		97.3	78-133				
Bromomethane	9.00		"	10.0		90.0	43-168				
Carbon disulfide	11.2		"	10.0		112	68-146				
Carbon tetrachloride	10.5		"	10.0		105	77-141				
Chlorobenzene	10.3		"	10.0		103	88-120				
Chloroethane	9.10		"	10.0		91.0	65-136				
Chloroform	10.1		"	10.0		101	82-128				
Chloromethane	10.2		"	10.0		102	43-155				
cis-1,2-Dichloroethylene	9.62		"	10.0		96.2	83-129				
cis-1,3-Dichloropropylene	10.1		"	10.0		101	80-131				
Cyclohexane	11.1		"	10.0		111	63-149				
Dibromochloromethane	10.6		"	10.0		106	80-130				
Dibromomethane	9.96		"	10.0		99.6	72-134				
Dichlorodifluoromethane	8.81		"	10.0		88.1	44-144				
Ethyl Benzene	9.78		"	10.0		97.8	80-131				
Hexachlorobutadiene	9.14		"	10.0		91.4	67-146				
Isopropylbenzene	9.79		"	10.0		97.9	76-140				
Methyl acetate	13.1		"	10.0		131	51-139				
Methyl tert-butyl ether (MTBE)	10.7		"	10.0		107	76-135				
Methylcyclohexane	11.3		"	10.0		113	72-143				
Methylene chloride	11.2		"	10.0		112	55-137				
n-Butylbenzene	11.8		"	10.0		118	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 BH01612 - EPA 5030B											
LCS (BH01612-BS1)								Prepared & Analyzed: 08/28/2020			
n-Propylbenzene	9.87		ug/L	10.0		98.7	78-133				
o-Xylene	9.53		"	10.0		95.3	78-130				
p- & m- Xylenes	15.9		"	20.0		79.4	77-133				
p-Isopropyltoluene	10.3		"	10.0		103	81-136				
sec-Butylbenzene	11.2		"	10.0		112	79-137				
Styrene	10.1		"	10.0		101	67-132				
tert-Butyl alcohol (TBA)	59.5		"	50.0		119	25-162				
tert-Butylbenzene	9.80		"	10.0		98.0	77-138				
Tetrachloroethylene	10.8		"	10.0		108	82-131				
Toluene	10.6		"	10.0		106	80-127				
trans-1,2-Dichloroethylene	10.4		"	10.0		104	80-132				
trans-1,3-Dichloropropylene	9.82		"	10.0		98.2	78-131				
Trichloroethylene	10.0		"	10.0		100	82-128				
Trichlorofluoromethane	9.67		"	10.0		96.7	67-139				
Vinyl Chloride	9.47		"	10.0		94.7	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.47*		*"*	*10.0*		*94.7*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.79*		*"*	*10.0*		*97.9*	*79-122*				
LCS Dup (BH01612-BSD1)								Prepared & Analyzed: 08/28/2020			
1,1,1,2-Tetrachloroethane	11.4		ug/L	10.0		114	82-126		3.39	30	
1,1,1-Trichloroethane	10.9		"	10.0		109	78-136		1.20	30	
1,1,2,2-Tetrachloroethane	10.1		"	10.0		101	76-129		3.31	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.2		"	10.0		122	54-165		2.32	30	
1,1,2-Trichloroethane	10.2		"	10.0		102	82-123		2.99	30	
1,1-Dichloroethane	9.69		"	10.0		96.9	82-129		2.83	30	
1,1-Dichloroethylene	10.8		"	10.0		108	68-138		3.98	30	
1,2,3-Trichlorobenzene	10.3		"	10.0		103	76-136		13.9	30	
1,2,3-Trichloropropane	9.60		"	10.0		96.0	77-128		4.36	30	
1,2,4-Trichlorobenzene	9.74		"	10.0		97.4	76-137		5.05	30	
1,2,4-Trimethylbenzene	10.2		"	10.0		102	82-132		2.18	30	
1,2-Dibromo-3-chloropropane	9.17		"	10.0		91.7	45-147		1.30	30	
1,2-Dibromoethane	10.8		"	10.0		108	83-124		0.651	30	
1,2-Dichlorobenzene	10.3		"	10.0		103	79-123		3.26	30	
1,2-Dichloroethane	9.38		"	10.0		93.8	73-132		0.320	30	
1,2-Dichloropropane	10.5		"	10.0		105	78-126		4.48	30	
1,3,5-Trimethylbenzene	10.4		"	10.0		104	80-131		3.31	30	
1,3-Dichlorobenzene	10.3		"	10.0		103	86-122		2.66	30	
1,4-Dichlorobenzene	9.76		"	10.0		97.6	85-124		3.97	30	
1,4-Dioxane	235		"	210		112	10-349		196	30	Non-dir.
2-Butanone	9.74		"	10.0		97.4	49-152		7.89	30	
2-Hexanone	10.3		"	10.0		103	51-146		3.17	30	
4-Methyl-2-pentanone	10.5		"	10.0		105	57-145		2.40	30	
Acetone	9.38		"	10.0		93.8	14-150		2.92	30	
Acrolein	5.22		"	10.0		52.2	10-153		63.0	30	Non-dir.
Acrylonitrile	11.0		"	10.0		110	51-150		1.98	30	
Benzene	10.8		"	10.0		108	85-126		5.05	30	
Bromochloromethane	10.0		"	10.0		100	77-128		3.25	30	
Bromodichloromethane	10.6		"	10.0		106	79-128		1.33	30	
Bromoform	9.88		"	10.0		98.8	78-133		1.53	30	
Bromomethane	11.2		"	10.0		112	43-168		21.7	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 BH01612 - EPA 5030B											
LCS Dup (BH01612-BSD1)								Prepared & Analyzed: 08/28/2020			
Carbon disulfide	11.6		ug/L	10.0		116	68-146		3.41	30	
Carbon tetrachloride	11.0		"	10.0		110	77-141		4.19	30	
Chlorobenzene	10.4		"	10.0		104	88-120		0.774	30	
Chloroethane	10.1		"	10.0		101	65-136		10.4	30	
Chloroform	10.5		"	10.0		105	82-128		3.78	30	
Chloromethane	10.5		"	10.0		105	43-155		2.69	30	
cis-1,2-Dichloroethylene	9.96		"	10.0		99.6	83-129		3.47	30	
cis-1,3-Dichloropropylene	10.4		"	10.0		104	80-131		2.84	30	
Cyclohexane	11.2		"	10.0		112	63-149		0.987	30	
Dibromochloromethane	10.8		"	10.0		108	80-130		2.15	30	
Dibromomethane	10.0		"	10.0		100	72-134		0.800	30	
Dichlorodifluoromethane	9.01		"	10.0		90.1	44-144		2.24	30	
Ethyl Benzene	9.94		"	10.0		99.4	80-131		1.62	30	
Hexachlorobutadiene	9.12		"	10.0		91.2	67-146		0.219	30	
Isopropylbenzene	10.0		"	10.0		100	76-140		2.52	30	
Methyl acetate	13.2		"	10.0		132	51-139		0.304	30	
Methyl tert-butyl ether (MTBE)	10.8		"	10.0		108	76-135		1.40	30	
Methylcyclohexane	11.5		"	10.0		115	72-143		1.84	30	
Methylene chloride	11.4		"	10.0		114	55-137		2.48	30	
n-Butylbenzene	9.85		"	10.0		98.5	79-132		17.8	30	
n-Propylbenzene	9.92		"	10.0		99.2	78-133		0.505	30	
o-Xylene	9.65		"	10.0		96.5	78-130		1.25	30	
p- & m- Xylenes	16.2		"	20.0		81.2	77-133		2.24	30	
p-Isopropyltoluene	10.5		"	10.0		105	81-136		2.02	30	
sec-Butylbenzene	11.4		"	10.0		114	79-137		1.51	30	
Styrene	10.4		"	10.0		104	67-132		2.92	30	
tert-Butyl alcohol (TBA)	61.8		"	50.0		124	25-162		3.84	30	
tert-Butylbenzene	10.1		"	10.0		101	77-138		3.31	30	
Tetrachloroethylene	10.9		"	10.0		109	82-131		0.923	30	
Toluene	10.9		"	10.0		109	80-127		2.32	30	
trans-1,2-Dichloroethylene	10.6		"	10.0		106	80-132		1.81	30	
trans-1,3-Dichloropropylene	9.97		"	10.0		99.7	78-131		1.52	30	
Trichloroethylene	10.4		"	10.0		104	82-128		2.94	30	
Trichlorofluoromethane	10.1		"	10.0		101	67-139		4.55	30	
Vinyl Chloride	10.3		"	10.0		103	58-145		8.11	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.49*		*"*	*10.0*		*94.9*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.83*		*"*	*10.0*		*98.3*	*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 BH01370 - EPA 3550C											
Blank (BH01370-BLK1)											
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	0.0239	0.0416	"								
Caprolactam	ND	0.0830	"								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								

Prepared: 08/25/2020 Analyzed: 08/26/2020

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 BH01370 - EPA 3550C											
Blank (BH01370-BLK1)											
Prepared: 08/25/2020 Analyzed: 08/26/2020											
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	*1.29*		"	*1.66*		*77.6*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.31*		"	*1.66*		*78.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.819*		"	*0.831*		*98.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.627*		"	*0.831*		*75.5*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.54*		"	*1.66*		*92.6*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.752*		"	*0.831*		*90.5*	*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 BH01370 - EPA 3550C											
LCS (BH01370-BS1)									Prepared: 08/25/2020 Analyzed: 08/26/2020		
1,1-Biphenyl	0.559	0.0416	mg/kg wet	0.831		67.3	18-111				
1,2,4,5-Tetrachlorobenzene	0.573	0.0830	"	0.955		60.0	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.599	0.0416	"	0.831		72.1	17-137				
2,3,4,6-Tetrachlorophenol	0.703	0.0830	"	0.831		84.6	30-130				
2,4,5-Trichlorophenol	0.420	0.0416	"	0.831		50.6	27-118				
2,4,6-Trichlorophenol	0.524	0.0416	"	0.831		63.1	31-120				
2,4-Dichlorophenol	0.562	0.0416	"	0.831		67.7	20-127				
2,4-Dimethylphenol	0.579	0.0416	"	0.831		69.8	14-132				
2,4-Dinitrophenol	0.866	0.0830	"	0.831		104	10-171				
2,4-Dinitrotoluene	0.629	0.0416	"	0.831		75.7	34-131				
2,6-Dinitrotoluene	0.640	0.0416	"	0.831		77.0	31-128				
2-Chloronaphthalene	0.455	0.0416	"	0.831		54.8	31-117				
2-Chlorophenol	0.536	0.0416	"	0.831		64.5	33-113				
2-Methylnaphthalene	0.575	0.0416	"	0.831		69.2	12-138				
2-Methylphenol	0.432	0.0416	"	0.831		52.0	10-136				
2-Nitroaniline	0.687	0.0830	"	0.831		82.7	27-132				
2-Nitrophenol	0.722	0.0416	"	0.831		86.9	17-129				
3- & 4-Methylphenols	0.368	0.0416	"	0.831		44.3	29-103				
3,3-Dichlorobenzidine	0.507	0.0416	"	0.831		61.0	22-149				
3-Nitroaniline	0.594	0.0830	"	0.831		71.6	20-133				
4,6-Dinitro-2-methylphenol	0.968	0.0830	"	0.831		117	10-143				
4-Bromophenyl phenyl ether	0.519	0.0416	"	0.831		62.5	29-120				
4-Chloro-3-methylphenol	0.604	0.0416	"	0.831		72.7	24-129				
4-Chloroaniline	0.445	0.0416	"	0.831		53.5	10-132				
4-Chlorophenyl phenyl ether	0.478	0.0416	"	0.831		57.6	27-124				
4-Nitroaniline	0.604	0.0830	"	0.831		72.7	16-128				
4-Nitrophenol	0.748	0.0830	"	0.831		90.0	10-141				
Acenaphthene	0.549	0.0416	"	0.831		66.1	30-121				
Acenaphthylene	0.536	0.0416	"	0.831		64.6	30-115				
Acetophenone	0.519	0.0416	"	0.831		62.5	20-112				
Aniline	0.499	0.166	"	0.831		60.0	10-119				
Anthracene	0.549	0.0416	"	0.831		66.0	34-118				
Atrazine	0.642	0.0416	"	0.831		77.3	26-112				
Benzaldehyde	0.542	0.0416	"	0.831		65.3	21-100				
Benzo(a)anthracene	0.548	0.0416	"	0.831		66.0	32-122				
Benzo(a)pyrene	0.496	0.0416	"	0.831		59.7	29-133				
Benzo(b)fluoranthene	0.524	0.0416	"	0.831		63.1	25-133				
Benzo(g,h,i)perylene	0.550	0.0416	"	0.831		66.2	10-143				
Benzo(k)fluoranthene	0.492	0.0416	"	0.831		59.2	25-128				
Benzoic acid	0.444	0.0416	"	0.839		52.9	10-140				
Benzyl alcohol	0.621	0.0416	"	0.831		74.7	30-115				
Benzyl butyl phthalate	0.709	0.0416	"	0.831		85.3	26-126				
Bis(2-chloroethoxy)methane	0.572	0.0416	"	0.831		68.8	19-132				
Bis(2-chloroethyl)ether	0.554	0.0416	"	0.831		66.8	19-125				
Bis(2-chloroisopropyl)ether	0.549	0.0416	"	0.831		66.0	20-135				
Bis(2-ethylhexyl)phthalate	0.731	0.0416	"	0.831		88.0	10-155				
Caprolactam	0.673	0.0830	"	0.831		81.0	10-127				
Carbazole	0.512	0.0416	"	0.831		61.6	35-123				
Chrysene	0.522	0.0416	"	0.831		62.9	32-123				
Dibenzo(a,h)anthracene	0.564	0.0416	"	0.831		68.0	10-136				
Dibenzofuran	0.522	0.0416	"	0.831		62.9	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 BH01370 - EPA 3550C											
LCS (BH01370-BS1)											
Prepared: 08/25/2020 Analyzed: 08/26/2020											
Diethyl phthalate	0.562	0.0416	mg/kg wet	0.831		67.6	34-116				
Dimethyl phthalate	0.529	0.0416	"	0.831		63.7	35-124				
Di-n-butyl phthalate	0.576	0.0416	"	0.831		69.4	31-116				
Di-n-octyl phthalate	0.775	0.0416	"	0.831		93.3	26-136				
Diphenylamine	0.728	0.0830	"	0.831		87.6	40-140				
Fluoranthene	0.519	0.0416	"	0.831		62.5	33-122				
Fluorene	0.531	0.0416	"	0.831		64.0	29-123				
Hexachlorobenzene	0.576	0.0416	"	0.831		69.3	21-124				
Hexachlorobutadiene	0.441	0.0416	"	0.831		53.0	10-149				
Hexachlorocyclopentadiene	0.264	0.0416	"	0.831		31.8	10-129				
Hexachloroethane	0.485	0.0416	"	0.831		58.4	28-108				
Indeno(1,2,3-cd)pyrene	0.587	0.0416	"	0.831		70.7	10-135				
Isophorone	0.579	0.0416	"	0.831		69.8	20-132				
Naphthalene	0.543	0.0416	"	0.831		65.4	23-124				
Nitrobenzene	0.551	0.0416	"	0.831		66.4	13-132				
N-Nitrosodimethylamine	0.462	0.0416	"	0.831		55.6	11-129				
N-nitroso-di-n-propylamine	0.528	0.0416	"	0.831		63.5	24-119				
N-Nitrosodiphenylamine	0.723	0.0416	"	0.831		87.0	22-152				
Pentachlorophenol	0.540	0.0416	"	0.831		65.0	10-139				
Phenanthrene	0.558	0.0416	"	0.831		67.2	33-123				
Phenol	0.533	0.0416	"	0.831		64.1	23-115				
Pyrene	0.592	0.0416	"	0.831		71.3	32-130				
Pyridine	0.451	0.166	"	0.831		54.4	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.11*		"	*1.66*		*66.9*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.14*		"	*1.66*		*68.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.705*		"	*0.831*		*84.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.542*		"	*0.831*		*65.3*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.28*		"	*1.66*		*76.8*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.642*		"	*0.831*		*77.3*	*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 BH01370 - EPA 3550C											
Matrix Spike (BH01370-MS1)	*Source sample: 20H0807-02 (Matrix Spike)							Prepared: 08/25/2020 Analyzed: 08/26/2020			
1,1-Biphenyl	0.752	0.0896	mg/kg dry	0.895	ND	84.1	10-130				
1,2,4,5-Tetrachlorobenzene	0.745	0.179	"	1.03	ND	72.4	10-133				
1,2-Diphenylhydrazine (as Azobenzene)	0.803	0.0896	"	0.895	ND	89.8	10-144				
2,3,4,6-Tetrachlorophenol	1.01	0.179	"	0.895	ND	113	30-130				
2,4,5-Trichlorophenol	0.538	0.0896	"	0.895	ND	60.1	10-127				
2,4,6-Trichlorophenol	0.698	0.0896	"	0.895	ND	78.0	10-132				
2,4-Dichlorophenol	0.711	0.0896	"	0.895	ND	79.4	10-128				
2,4-Dimethylphenol	0.735	0.0896	"	0.895	ND	82.2	10-137				
2,4-Dinitrophenol	0.862	0.179	"	0.895	ND	96.3	10-171				
2,4-Dinitrotoluene	0.829	0.0896	"	0.895	ND	92.6	16-135				
2,6-Dinitrotoluene	0.843	0.0896	"	0.895	ND	94.2	18-131				
2-Chloronaphthalene	0.593	0.0896	"	0.895	ND	66.2	10-129				
2-Chlorophenol	0.709	0.0896	"	0.895	ND	79.3	15-116				
2-Methylnaphthalene	0.716	0.0896	"	0.895	ND	80.0	10-147				
2-Methylphenol	0.568	0.0896	"	0.895	ND	63.5	10-136				
2-Nitroaniline	0.922	0.179	"	0.895	ND	103	10-137				
2-Nitrophenol	0.918	0.0896	"	0.895	ND	103	10-129				
3- & 4-Methylphenols	0.503	0.0896	"	0.895	ND	56.2	10-123				
3,3-Dichlorobenzidine	0.689	0.0896	"	0.895	ND	77.0	10-155				
3-Nitroaniline	0.798	0.179	"	0.895	ND	89.2	12-133				
4,6-Dinitro-2-methylphenol	1.00	0.179	"	0.895	ND	112	10-155				
4-Bromophenyl phenyl ether	0.641	0.0896	"	0.895	ND	71.6	14-128				
4-Chloro-3-methylphenol	0.812	0.0896	"	0.895	ND	90.8	10-134				
4-Chloroaniline	0.571	0.0896	"	0.895	ND	63.8	10-145				
4-Chlorophenyl phenyl ether	0.608	0.0896	"	0.895	ND	68.0	14-130				
4-Nitroaniline	0.833	0.179	"	0.895	ND	93.1	10-147				
4-Nitrophenol	1.02	0.179	"	0.895	ND	114	10-137				
Acenaphthene	0.724	0.0896	"	0.895	ND	81.0	10-146				
Acenaphthylene	0.711	0.0896	"	0.895	ND	79.4	10-134				
Acetophenone	0.679	0.0896	"	0.895	ND	75.8	10-116				
Aniline	0.642	0.359	"	0.895	ND	71.8	10-123				
Anthracene	0.724	0.0896	"	0.895	ND	81.0	10-142				
Atrazine	0.830	0.0896	"	0.895	ND	92.8	19-115				
Benzaldehyde	0.709	0.0896	"	0.895	ND	79.2	10-125				
Benzo(a)anthracene	0.717	0.0896	"	0.895	ND	80.1	10-158				
Benzo(a)pyrene	0.689	0.0896	"	0.895	ND	77.0	10-180				
Benzo(b)fluoranthene	0.711	0.0896	"	0.895	ND	79.4	10-200				
Benzo(g,h,i)perylene	0.731	0.0896	"	0.895	ND	81.7	10-138				
Benzo(k)fluoranthene	0.668	0.0896	"	0.895	ND	74.6	10-197				
Benzoic acid	0.485	0.0896	"	0.904	ND	53.7	10-166				
Benzyl alcohol	0.813	0.0896	"	0.895	ND	90.9	12-124				
Benzyl butyl phthalate	0.895	0.0896	"	0.895	ND	100	10-154				
Bis(2-chloroethoxy)methane	0.732	0.0896	"	0.895	ND	81.8	10-132				
Bis(2-chloroethyl)ether	0.731	0.0896	"	0.895	ND	81.7	10-119				
Bis(2-chloroisopropyl)ether	0.722	0.0896	"	0.895	ND	80.7	10-139				
Bis(2-ethylhexyl)phthalate	0.969	0.0896	"	0.895	ND	108	10-167				
Caprolactam	0.898	0.179	"	0.895	ND	100	10-132				
Carbazole	0.690	0.0896	"	0.895	ND	77.1	10-167				
Chrysene	0.695	0.0896	"	0.895	ND	77.7	10-156				
Dibenzo(a,h)anthracene	0.755	0.0896	"	0.895	ND	84.3	10-137				
Dibenzofuran	0.685	0.0896	"	0.895	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 BH01370 - EPA 3550C											
Matrix Spike (BH01370-MS1)	*Source sample: 20H0807-02 (Matrix Spike)							Prepared: 08/25/2020 Analyzed: 08/26/2020			
Diethyl phthalate	0.747	0.0896	mg/kg dry	0.895	ND	83.5	20-120				
Dimethyl phthalate	0.712	0.0896	"	0.895	ND	79.5	18-131				
Di-n-butyl phthalate	0.741	0.0896	"	0.895	ND	82.8	10-137				
Di-n-octyl phthalate	1.03	0.0896	"	0.895	ND	116	10-180				
Diphenylamine	0.947	0.179	"	0.895	ND	106	40-140				
Fluoranthene	0.682	0.0896	"	0.895	ND	76.2	10-160				
Fluorene	0.707	0.0896	"	0.895	ND	79.0	10-157				
Hexachlorobenzene	0.799	0.0896	"	0.895	ND	89.3	10-137				
Hexachlorobutadiene	0.521	0.0896	"	0.895	ND	58.2	10-132				
Hexachlorocyclopentadiene	0.199	0.0896	"	0.895	ND	22.2	10-106				
Hexachloroethane	0.581	0.0896	"	0.895	ND	65.0	10-110				
Indeno(1,2,3-cd)pyrene	0.808	0.0896	"	0.895	ND	90.3	10-144				
Isophorone	0.766	0.0896	"	0.895	ND	85.6	10-132				
Naphthalene	0.691	0.0896	"	0.895	ND	77.2	10-141				
Nitrobenzene	0.722	0.0896	"	0.895	ND	80.6	10-131				
N-Nitrosodimethylamine	0.631	0.0896	"	0.895	ND	70.5	10-126				
N-nitroso-di-n-propylamine	0.710	0.0896	"	0.895	ND	79.4	10-125				
N-Nitrosodiphenylamine	0.930	0.0896	"	0.895	ND	104	10-177				
Pentachlorophenol	0.622	0.0896	"	0.895	ND	69.5	10-153				
Phenanthrene	0.721	0.0896	"	0.895	ND	80.6	10-148				
Phenol	0.719	0.0896	"	0.895	ND	80.4	10-126				
Pyrene	0.759	0.0896	"	0.895	ND	84.8	10-165				
Pyridine	0.587	0.359	"	0.895	ND	65.6	10-83				
Surrogate: SURR: 2-Fluorophenol	*1.46*		"	*1.79*		*81.4*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.49*		"	*1.79*		*83.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.905*		"	*0.895*		*101*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.707*		"	*0.895*		*79.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.61*		"	*1.79*		*89.8*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.815*		"	*0.895*		*91.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BH01370 - EPA 3550C

Matrix Spike Dup (BH01370-MSD1) *Source sample: 20H0807-02 (Matrix Spike Dup) Prepared: 08/25/2020 Analyzed: 08/26/2020

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.557	0.0896	mg/kg dry	0.895	ND	62.2	10-130		29.9	30	
1,2,4,5-Tetrachlorobenzene	0.596	0.179	"	1.03	ND	57.9	10-133		22.3	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.616	0.0896	"	0.895	ND	68.9	10-144		26.3	30	
2,3,4,6-Tetrachlorophenol	0.721	0.179	"	0.895	ND	80.6	30-130		33.2	30	Non-dir.
2,4,5-Trichlorophenol	0.426	0.0896	"	0.895	ND	47.6	10-127		23.2	30	
2,4,6-Trichlorophenol	0.530	0.0896	"	0.895	ND	59.3	10-132		27.3	30	
2,4-Dichlorophenol	0.538	0.0896	"	0.895	ND	60.2	10-128		27.6	30	
2,4-Dimethylphenol	0.563	0.0896	"	0.895	ND	63.0	10-137		26.5	30	
2,4-Dinitrophenol	0.646	0.179	"	0.895	ND	72.2	10-171		28.6	30	
2,4-Dinitrotoluene	0.671	0.0896	"	0.895	ND	75.0	16-135		21.1	30	
2,6-Dinitrotoluene	0.636	0.0896	"	0.895	ND	71.0	18-131		28.0	30	
2-Chloronaphthalene	0.474	0.0896	"	0.895	ND	53.0	10-129		22.3	30	
2-Chlorophenol	0.565	0.0896	"	0.895	ND	63.1	15-116		22.7	30	
2-Methylnaphthalene	0.578	0.0896	"	0.895	ND	64.6	10-147		21.2	30	
2-Methylphenol	0.437	0.0896	"	0.895	ND	48.8	10-136		26.2	30	
2-Nitroaniline	0.673	0.179	"	0.895	ND	75.2	10-137		31.2	30	Non-dir.
2-Nitrophenol	0.742	0.0896	"	0.895	ND	83.0	10-129		21.1	30	
3- & 4-Methylphenols	0.393	0.0896	"	0.895	ND	43.9	10-123		24.5	30	
3,3-Dichlorobenzidine	0.550	0.0896	"	0.895	ND	61.5	10-155		22.3	30	
3-Nitroaniline	0.647	0.179	"	0.895	ND	72.3	12-133		20.9	30	
4,6-Dinitro-2-methylphenol	0.709	0.179	"	0.895	ND	79.2	10-155		34.2	30	Non-dir.
4-Bromophenyl phenyl ether	0.525	0.0896	"	0.895	ND	58.7	14-128		19.8	30	
4-Chloro-3-methylphenol	0.622	0.0896	"	0.895	ND	69.5	10-134		26.5	30	
4-Chloroaniline	0.470	0.0896	"	0.895	ND	52.5	10-145		19.5	30	
4-Chlorophenyl phenyl ether	0.477	0.0896	"	0.895	ND	53.4	14-130		24.1	30	
4-Nitroaniline	0.626	0.179	"	0.895	ND	70.0	10-147		28.3	30	
4-Nitrophenol	0.746	0.179	"	0.895	ND	83.4	10-137		31.3	30	Non-dir.
Acenaphthene	0.548	0.0896	"	0.895	ND	61.3	10-146		27.7	30	
Acenaphthylene	0.543	0.0896	"	0.895	ND	60.6	10-134		26.8	30	
Acetophenone	0.522	0.0896	"	0.895	ND	58.3	10-116		26.1	30	
Aniline	0.518	0.359	"	0.895	ND	57.9	10-123		21.3	30	
Anthracene	0.562	0.0896	"	0.895	ND	62.8	10-142		25.3	30	
Atrazine	0.629	0.0896	"	0.895	ND	70.3	19-115		27.6	30	
Benzaldehyde	0.564	0.0896	"	0.895	ND	63.0	10-125		22.7	30	
Benzo(a)anthracene	0.553	0.0896	"	0.895	ND	61.8	10-158		25.7	30	
Benzo(a)pyrene	0.533	0.0896	"	0.895	ND	59.6	10-180		25.5	30	
Benzo(b)fluoranthene	0.573	0.0896	"	0.895	ND	64.0	10-200		21.5	30	
Benzo(g,h,i)perylene	0.580	0.0896	"	0.895	ND	64.8	10-138		23.0	30	
Benzo(k)fluoranthene	0.517	0.0896	"	0.895	ND	57.8	10-197		25.5	30	
Benzoic acid	0.322	0.0896	"	0.904	ND	35.6	10-166		40.4	30	Non-dir.
Benzyl alcohol	0.645	0.0896	"	0.895	ND	72.1	12-124		23.1	30	
Benzyl butyl phthalate	0.712	0.0896	"	0.895	ND	79.6	10-154		22.7	30	
Bis(2-chloroethoxy)methane	0.582	0.0896	"	0.895	ND	65.0	10-132		22.9	30	
Bis(2-chloroethyl)ether	0.578	0.0896	"	0.895	ND	64.6	10-119		23.3	30	
Bis(2-chloroisopropyl)ether	0.571	0.0896	"	0.895	ND	63.8	10-139		23.4	30	
Bis(2-ethylhexyl)phthalate	1.78	0.0896	"	0.895	ND	199	10-167	High Bias	58.9	30	Non-dir.
Caprolactam	0.666	0.179	"	0.895	ND	74.4	10-132		29.7	30	
Carbazole	0.543	0.0896	"	0.895	ND	60.6	10-167		23.9	30	
Chrysene	0.540	0.0896	"	0.895	ND	60.4	10-156		25.0	30	
Dibenzo(a,h)anthracene	0.585	0.0896	"	0.895	ND	65.4	10-137		25.3	30	
Dibenzofuran	0.529	0.0896	"	0.895	ND	59.1	10-147		25.7	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 BH01370 - EPA 3550C											
Matrix Spike Dup (BH01370-MSD1)	*Source sample: 20H0807-02 (Matrix Spike Dup)								Prepared: 08/25/2020 Analyzed: 08/26/2020		
Diethyl phthalate	0.567	0.0896	mg/kg dry	0.895	ND	63.4	20-120		27.5	30	
Dimethyl phthalate	0.548	0.0896	"	0.895	ND	61.3	18-131		25.9	30	
Di-n-butyl phthalate	0.593	0.0896	"	0.895	ND	66.3	10-137		22.1	30	
Di-n-octyl phthalate	0.790	0.0896	"	0.895	ND	88.3	10-180		26.7	30	
Diphenylamine	0.753	0.179	"	0.895	ND	84.2	40-140		22.8	30	
Fluoranthene	0.544	0.0896	"	0.895	ND	60.8	10-160		22.5	30	
Fluorene	0.536	0.0896	"	0.895	ND	59.9	10-157		27.4	30	
Hexachlorobenzene	0.596	0.0896	"	0.895	ND	66.6	10-137		29.2	30	
Hexachlorobutadiene	0.430	0.0896	"	0.895	ND	48.0	10-132		19.3	30	
Hexachlorocyclopentadiene	0.156	0.0896	"	0.895	ND	17.4	10-106		24.2	30	
Hexachloroethane	0.483	0.0896	"	0.895	ND	54.0	10-110		18.4	30	
Indeno(1,2,3-cd)pyrene	0.616	0.0896	"	0.895	ND	68.9	10-144		26.9	30	
Isophorone	0.608	0.0896	"	0.895	ND	67.9	10-132		23.0	30	
Naphthalene	0.570	0.0896	"	0.895	ND	63.7	10-141		19.2	30	
Nitrobenzene	0.570	0.0896	"	0.895	ND	63.7	10-131		23.5	30	
N-Nitrosodimethylamine	0.522	0.0896	"	0.895	ND	58.3	10-126		18.9	30	
N-nitroso-di-n-propylamine	0.563	0.0896	"	0.895	ND	63.0	10-125		23.0	30	
N-Nitrosodiphenylamine	0.728	0.0896	"	0.895	ND	81.4	10-177		24.4	30	
Pentachlorophenol	0.472	0.0896	"	0.895	ND	52.7	10-153		27.5	30	
Phenanthrene	0.576	0.0896	"	0.895	ND	64.4	10-148		22.3	30	
Phenol	0.552	0.0896	"	0.895	ND	61.7	10-126		26.4	30	
Pyrene	0.588	0.0896	"	0.895	ND	65.8	10-165		25.3	30	
Pyridine	0.422	0.359	"	0.895	ND	47.1	10-83		32.8	30	Non-dir.
Surrogate: SURR: 2-Fluorophenol	*1.23*		"	*1.79*		*68.9*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.24*		"	*1.79*		*69.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.791*		"	*0.895*		*88.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.572*		"	*0.895*		*63.9*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.29*		"	*1.79*		*72.2*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.685*		"	*0.895*		*76.6*	*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 BH01289 - EPA 3550C											
Blank (BH01289-BLK1)											Prepared & Analyzed: 08/24/2020
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	"								
Chlordane, total	ND	0.0329	"								
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	0.00822	"								
Toxaphene	ND	0.0832	"								
Surrogate: Decachlorobiphenyl	*0.0922*		*"*	*0.0664*		*139*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0600*		*"*	*0.0664*		*90.4*	*30-150*				
LCS (BH01289-BS1)											Prepared & Analyzed: 08/24/2020
4,4'-DDD	0.0246	0.00164	mg/kg wet	0.0332		74.0	40-140				
4,4'-DDE	0.0177	0.00164	"	0.0332		53.3	40-140				
4,4'-DDT	0.0215	0.00164	"	0.0332		64.6	40-140				
Aldrin	0.0220	0.00164	"	0.0332		66.3	40-140				
alpha-BHC	0.0219	0.00164	"	0.0332		65.9	40-140				
alpha-Chlordane	0.0219	0.00164	"	0.0332		65.8	40-140				
beta-BHC	0.0217	0.00164	"	0.0332		65.2	40-140				
delta-BHC	0.0224	0.00164	"	0.0332		67.4	40-140				
Dieldrin	0.0263	0.00164	"	0.0332		79.2	40-140				
Endosulfan I	0.0258	0.00164	"	0.0332		77.6	40-140				
Endosulfan II	0.0233	0.00164	"	0.0332		70.2	40-140				
Endosulfan sulfate	0.0231	0.00164	"	0.0332		69.5	40-140				
Endrin	0.0210	0.00164	"	0.0332		63.1	40-140				
Endrin aldehyde	0.0230	0.00164	"	0.0332		69.3	40-140				
Endrin ketone	0.0250	0.00164	"	0.0332		75.2	40-140				
gamma-BHC (Lindane)	0.0241	0.00164	"	0.0332		72.6	40-140				
gamma-Chlordane	0.0215	0.00164	"	0.0332		64.6	40-140				
Heptachlor	0.0243	0.00164	"	0.0332		73.0	40-140				
Heptachlor epoxide	0.0210	0.00164	"	0.0332		63.3	40-140				
Methoxychlor	0.0276	0.00822	"	0.0332		83.2	40-140				
Surrogate: Decachlorobiphenyl	*0.0807*		*"*	*0.0664*		*121*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0527*		*"*	*0.0664*		*79.2*	*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 BH01289 - EPA 3550C											
Matrix Spike (BH01289-MS1)	*Source sample: 20H0861-09 (Matrix Spike)								Prepared: 08/24/2020 Analyzed: 08/25/2020		
4,4'-DDD	0.0236	0.00178	mg/kg dry	0.0359	ND	65.8	30-150				
4,4'-DDE	0.0196	0.00178	"	0.0359	ND	54.4	30-150				
4,4'-DDT	0.0302	0.00178	"	0.0359	ND	84.0	30-150				
Aldrin	0.0172	0.00178	"	0.0359	ND	47.7	30-150				
alpha-BHC	0.0202	0.00178	"	0.0359	ND	56.2	30-150				
alpha-Chlordane	0.0189	0.00178	"	0.0359	ND	52.6	30-150				
beta-BHC	0.0221	0.00178	"	0.0359	ND	61.5	30-150				
delta-BHC	0.0191	0.00178	"	0.0359	ND	53.3	30-150				
Dieldrin	0.0200	0.00178	"	0.0359	ND	55.8	30-150				
Endosulfan I	0.0209	0.00178	"	0.0359	ND	58.2	30-150				
Endosulfan II	0.0216	0.00178	"	0.0359	ND	60.1	30-150				
Endosulfan sulfate	0.0233	0.00178	"	0.0359	ND	64.8	30-150				
Endrin	0.0231	0.00178	"	0.0359	ND	64.4	30-150				
Endrin aldehyde	0.0227	0.00178	"	0.0359	ND	63.3	30-150				
Endrin ketone	0.0230	0.00178	"	0.0359	ND	63.9	30-150				
gamma-BHC (Lindane)	0.0234	0.00178	"	0.0359	ND	65.2	30-150				
gamma-Chlordane	0.0194	0.00178	"	0.0359	ND	53.9	30-150				
Heptachlor	0.0190	0.00178	"	0.0359	ND	52.8	30-150				
Heptachlor epoxide	0.0216	0.00178	"	0.0359	ND	60.2	30-150				
Methoxychlor	0.0439	0.00890	"	0.0359	ND	122	30-150				
Surrogate: Decachlorobiphenyl	*0.0610*		*"*	*0.0719*		*84.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0363*		*"*	*0.0719*		*50.5*	*30-150*				
Matrix Spike Dup (BH01289-MSD1)	*Source sample: 20H0861-09 (Matrix Spike Dup)								Prepared: 08/24/2020 Analyzed: 08/25/2020		
4,4'-DDD	0.0233	0.00178	mg/kg dry	0.0359	ND	64.8	30-150		1.56	30	
4,4'-DDE	0.0185	0.00178	"	0.0359	ND	51.6	30-150		5.35	30	
4,4'-DDT	0.0284	0.00178	"	0.0359	ND	79.1	30-150		6.05	30	
Aldrin	0.0162	0.00178	"	0.0359	ND	45.0	30-150		5.99	30	
alpha-BHC	0.0192	0.00178	"	0.0359	ND	53.5	30-150		5.01	30	
alpha-Chlordane	0.0181	0.00178	"	0.0359	ND	50.3	30-150		4.62	30	
beta-BHC	0.0202	0.00178	"	0.0359	ND	56.3	30-150		8.88	30	
delta-BHC	0.0186	0.00178	"	0.0359	ND	51.8	30-150		2.81	30	
Dieldrin	0.0189	0.00178	"	0.0359	ND	52.6	30-150		5.81	30	
Endosulfan I	0.0198	0.00178	"	0.0359	ND	55.2	30-150		5.42	30	
Endosulfan II	0.0206	0.00178	"	0.0359	ND	57.3	30-150		4.72	30	
Endosulfan sulfate	0.0224	0.00178	"	0.0359	ND	62.3	30-150		3.96	30	
Endrin	0.0217	0.00178	"	0.0359	ND	60.3	30-150		6.57	30	
Endrin aldehyde	0.0223	0.00178	"	0.0359	ND	62.0	30-150		2.01	30	
Endrin ketone	0.0214	0.00178	"	0.0359	ND	59.4	30-150		7.23	30	
gamma-BHC (Lindane)	0.0212	0.00178	"	0.0359	ND	58.8	30-150		10.3	30	
gamma-Chlordane	0.0189	0.00178	"	0.0359	ND	52.6	30-150		2.47	30	
Heptachlor	0.0194	0.00178	"	0.0359	ND	54.1	30-150		2.44	30	
Heptachlor epoxide	0.0211	0.00178	"	0.0359	ND	58.8	30-150		2.35	30	
Methoxychlor	0.0286	0.00890	"	0.0359	ND	79.5	30-150		42.4	30	Non-dir.
Surrogate: Decachlorobiphenyl	*0.0590*		*"*	*0.0719*		*82.1*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0333*		*"*	*0.0719*		*46.3*	*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 BH01222 - EPA 3050B											
Blank (BH01222-BLK1)											
Prepared: 08/21/2020 Analyzed: 08/25/2020											
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 (BH01222-DUP1)	*Source sample: 20H0827-11 (Duplicate)										
Prepared: 08/21/2020 Analyzed: 08/26/2020											
Aluminum	11700	5.46	mg/kg dry		9060				25.5	35	
Antimony	ND	2.73	"		ND					35	
Arsenic	ND	1.64	"		ND					35	
Barium	63.6	2.73	"		57.3				10.4	35	
Beryllium	ND	0.055	"		ND					35	
Cadmium	ND	0.328	"		ND					35	
Calcium	3310	5.46	"		1250				90.7	35	Non-dir.
Chromium	26.5	0.546	"		25.5				3.72	35	
Cobalt	8.59	0.437	"		7.96				7.62	35	
Copper	34.1	2.19	"		19.4				54.8	35	Non-dir.
Iron	15900	27.3	"		22600				34.9	35	
Lead	9.89	0.546	"		12.0				19.2	35	
Magnesium	3090	5.46	"		2480				22.2	35	
Manganese	342	0.546	"		441				25.1	35	
Nickel	54.8	1.09	"		35.4				42.9	35	Non-dir.
Potassium	1170	5.46	"		1380				16.2	35	
Selenium	ND	2.73	"		ND					35	
Silver	ND	0.546	"		ND					35	
Sodium	475	54.6	"		92.2				135	35	Non-dir.
Thallium	ND	2.73	"		ND					35	
Vanadium	28.0	1.09	"		41.7				39.3	35	Non-dir.
Zinc	33.6	2.73	"		32.2				4.15	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 BH01222 - EPA 3050B											
Matrix Spike (BH01222-MS1)	*Source sample: 20H0827-11 (Matrix Spike)								Prepared: 08/21/2020 Analyzed: 08/26/2020		
Aluminum	10200	5.46	mg/kg dry	219	9060	538	75-125	High Bias			
Antimony	7.89	2.73	"	27.3	ND	28.9	75-125	Low Bias			
Arsenic	205	1.64	"	219	ND	93.7	75-125				
Barium	282	2.73	"	219	57.3	103	75-125				
Beryllium	1.43	0.055	"	5.46	ND	26.1	75-125	Low Bias			
Cadmium	5.32	0.328	"	5.46	ND	97.4	75-125				
Calcium	1410	5.46	"	109	1250	151	75-125	High Bias			
Chromium	46.4	0.546	"	21.9	25.5	95.8	75-125				
Cobalt	64.1	0.437	"	54.6	7.96	103	75-125				
Copper	46.3	2.19	"	27.3	19.4	98.2	75-125				
Iron	15200	27.3	"	109	22600	NR	75-125	Low Bias			
Lead	73.0	0.546	"	54.6	12.0	112	75-125				
Magnesium	2740	5.46	"	109	2480	238	75-125	High Bias			
Manganese	421	0.546	"	54.6	441	NR	75-125	Low Bias			
Nickel	87.6	1.09	"	54.6	35.4	95.6	75-125				
Potassium	1490	5.46	"	109	1380	103	75-125				
Selenium	179	2.73	"	219	ND	82.1	75-125				
Silver	4.69	0.546	"	5.46	ND	85.8	75-125				
Sodium	206	54.6	"	109	92.2	105	75-125				
Thallium	214	2.73	"	219	ND	97.9	75-125				
Vanadium	80.7	1.09	"	54.6	41.7	71.3	75-125	Low Bias			
Zinc	87.1	2.73	"	54.6	32.2	100	75-125				
Post Spike (BH01222-PS1)	*Source sample: 20H0827-11 (Post Spike)								Prepared: 08/21/2020 Analyzed: 08/26/2020		
Aluminum	86.3		ug/mL	2.00	82.9	170	75-125	High Bias			
Antimony	0.260		"	0.250	0.007	101	75-125				
Arsenic	1.86		"	2.00	-0.013	93.2	75-125				
Barium	2.61		"	2.00	0.524	104	75-125				
Beryllium	0.011		"	0.0500	-0.041	21.6	75-125	Low Bias			
Cadmium	0.048		"	0.0500	-0.002	96.7	75-125				
Calcium	12.4		"	1.00	11.4	101	75-125				
Chromium	0.438		"	0.200	0.234	102	75-125				
Cobalt	0.586		"	0.500	0.073	103	75-125				
Copper	0.453		"	0.250	0.178	110	75-125				
Iron	209		"	1.00	207	187	75-125	High Bias			
Lead	0.617		"	0.500	0.110	102	75-125				
Magnesium	23.8		"	1.00	22.7	114	75-125				
Manganese	4.59		"	0.500	4.04	112	75-125				
Nickel	0.825		"	0.500	0.324	100	75-125				
Potassium	13.6		"	1.00	12.6	92.6	75-125				
Selenium	1.52		"	2.00	-0.211	76.2	75-125				
Silver	0.042		"	0.0500	-0.008	84.6	75-125				
Sodium	1.83		"	1.00	0.844	98.9	75-125				
Thallium	1.94		"	2.00	-0.022	97.2	75-125				
Vanadium	0.891		"	0.500	0.382	102	75-125				
Zinc	0.790		"	0.500	0.295	99.0	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 BH01222 - EPA 3050B											
Reference (BH01222-SRM1)											
Prepared: 08/21/2020 Analyzed: 08/25/2020											
Aluminum	9840	5.00	mg/kg wet	8460		116	50.5-150.1				
Antimony	69.4	2.50	"	120		57.8	19-251.7				
Arsenic	104	1.50	"	95.5		109	70.1-129.8				
Barium	346	2.50	"	300		115	75-125				
Beryllium	115	0.050	"	103		112	75-125.2				
Cadmium	153	0.300	"	135		114	74.8-125.2				
Calcium	5210	5.00	"	4720		110	72.7-127.5				
Chromium	160	0.500	"	147		109	70.1-129.9				
Cobalt	50.0	0.400	"	43.2		116	75-125				
Copper	175	2.00	"	150		117	75.3-125.3				
Iron	15700	25.0	"	14400		109	35.8-164.6				
Lead	97.9	0.500	"	92.3		106	70-130				
Magnesium	2610	5.00	"	2300		114	61.7-137.8				
Manganese	743	0.500	"	677		110	78.1-122				
Nickel	73.3	1.00	"	59.8		123	70.1-130.1				
Potassium	2260	5.00	"	2030		112	59.1-140.9				
Selenium	24.8	2.50	"	42.0		59.1	55.7-144.5				
Silver	43.1	0.500	"	40.3		107	69.2-130.8				
Sodium	155	50.0	"	139		112	36.1-163.3				
Thallium	89.9	2.50	"	83.1		108	65.3-146.8				
Vanadium	105	1.00	"	96.9		108	67-133.1				
Zinc	397	2.50	"	369		107	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 BH01182 - EPA 7473 soil											
Blank (BH01182-BLK1)								Prepared & Analyzed: 08/20/2020			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BH01182-DUP1)	*Source sample: 20H0647-03 (Duplicate)							Prepared & Analyzed: 08/20/2020			
Mercury	ND	0.0340	mg/kg dry		ND					35	
Matrix Spike (BH01182-MS1)	*Source sample: 20H0647-03 (Matrix Spike)							Prepared & Analyzed: 08/20/2020			
Mercury	0.456		mg/kg	0.500	0.00580	90.0	75-125				
Reference (BH01182-SRM1)								Prepared & Analyzed: 08/20/2020			
Mercury	3.6313		mg/kg	3.71		97.9	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 BH01302 - EPA SW846-3060											
Blank (BH01302-BLK1)								Prepared & Analyzed: 08/24/2020			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BH01302-DUP1)	*Source sample: 20H0843-01 (Duplicate)							Prepared & Analyzed: 08/24/2020			
Chromium, Hexavalent	ND	0.682	mg/kg dry		ND					35	
Matrix Spike (BH01302-MS1)	*Source sample: 20H0843-01 (Matrix Spike)							Prepared & Analyzed: 08/24/2020			
Chromium, Hexavalent	ND	0.682	mg/kg dry	27.3	ND		75-125	Low Bias			
Reference (BH01302-SRM1)								Prepared & Analyzed: 08/24/2020			
Chromium, Hexavalent	40.5		mg/L	92.5		43.8	25.95-196.76				
Batch BH01452 - Analysis Preparation Soil											
Blank (BH01452-BLK1)								Prepared & Analyzed: 08/26/2020			
Cyanide, total	ND	0.500	mg/kg wet								
Duplicate (BH01452-DUP1)	*Source sample: 20H0926-11 (Duplicate)							Prepared & Analyzed: 08/26/2020			
Cyanide, total	ND	0.523	mg/kg dry		ND					15	
Matrix Spike (BH01452-MS1)	*Source sample: 20H0926-11 (Matrix Spike)							Prepared & Analyzed: 08/26/2020			
Cyanide, total	8.62	0.523	mg/kg dry	1.05	ND	824	79.6-107	High Bias			
Reference (BH01452-SRM1)								Prepared & Analyzed: 08/26/2020			
Cyanide, total	100		ug/mL	96.2		104	42.41-156.96				

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 BH01202 - % Solids Prep											
Duplicate (BH01202-DUP1)	*Source sample: 20H0806-02 (EP22_EL60)								Prepared & Analyzed: 08/21/2020		
% Solids	93.0	0.100	%		92.9				0.116	20	
Batch BH01206 - % Solids Prep											
Duplicate (BH01206-DUP1)	*Source sample: 20H0827-11 (Duplicate)								Prepared & Analyzed: 08/21/2020		
% Solids	92.5	0.100	%		91.5				1.09	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20H0806-01	EP18_EL60	40mL Vial with Stir Bar-Cool 4° C
20H0806-02	EP22_EL60	40mL Vial with Stir Bar-Cool 4° C
20H0806-03	TB01_082020	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

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.
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
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-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: This report has been revised to update client sample identification with depth interval.

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.: 20H0806

YOUR Information	Report To:	Invoice To:
Company: LANGAN	Company:	Company:
Address: 360 W 31 ST 8TH FLOOR, NY	Address:	Address:
Phone.: 212 479 5400	Phone.:	Phone.:
Contact: KIM SEMON	Contact:	Contact:
E-mail: KSEMON@LANGAN.COM	E-mail:	E-mail:

YOUR Project Number: 170384501

YOUR Project Name:

YOUR PO#:

Turn-Around Time

- RUSH - Next Day (VOCs ONLY)
- 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.

TOMAS MONTI

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
EP1B-e160	S	8/20/20 700	TCL/TAL PEST 375 VOCs, SVOCs, METALS, PESTICIDES, TCN, Tri/Hex CHROM	
EP22-e160	S	8/20/20 800	TCL/TAL PEST 375 VOCs, SVOCs, METALS, PESTICIDES, TCN, Tri/Hex CHROM	
TB01-082020	AQ	8/20/20 1000	TCL/TAL PEST 375 VOCs	

Comments: (A) 24 HOUR TAT VOCs ONLY
STANDARD TAT REMAINING ANALYTES

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
TOMAS MONTI / LANGAN	8/20/20 1251	EJ / York	8/20/20 1251		
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

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: 12/02/2021
Client Project ID: 170384501
York Project (SDG) No.: 20H1162

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: 12/02/2021
Client Project ID: 170384501
York Project (SDG) No.: 20H1162

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 August 28, 2020 and listed below. The project was identified as your project: **170384501**.

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
20H1162-01	EP23_EL56	Soil	08/28/2020	08/28/2020
20H1162-02	EP25_EL56	Soil	08/28/2020	08/28/2020
20H1162-03	TB05_082820	Water	08/28/2020	08/28/2020

General Notes for York Project (SDG) No.: 20H1162

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: 12/02/2021

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: EP23_EL56 **York Sample ID:** 20H1162-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H1162	170384501	Soil	August 28, 2020 2:30 pm	08/28/2020

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	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	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	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.055	0.11	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP23_EL56 **York Sample ID:** 20H1162-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H1162	170384501	Soil	August 28, 2020 2:30 pm	08/28/2020

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	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP23_EL56 **York Sample ID:** 20H1162-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H1162	170384501	Soil	August 28, 2020 2:30 pm	08/28/2020

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	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP23_EL56 **York Sample ID:** 20H1162-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H1162	170384501	Soil	August 28, 2020 2:30 pm	08/28/2020

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	0.0055	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0082	0.016	1	EPA 8260C	08/31/2020 06:55	08/31/2020 13:37	TMP
								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*	*105 %*	*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	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0893	0.178	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0893	0.178	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0893	0.178	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP23_EL56 **York Sample ID:** 20H1162-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H1162	170384501	Soil	August 28, 2020 2:30 pm	08/28/2020

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	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0893	0.178	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0893	0.178	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0893	0.178	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0893	0.178	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0893	0.178	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.179	0.358	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.179	0.358	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP23_EL56 **York Sample ID:** 20H1162-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H1162	170384501	Soil	August 28, 2020 2:30 pm	08/28/2020

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	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0893	0.178	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	**Dimethyl phthalate**	**0.0528**	J, B	mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0893	0.178	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.0557**	J	mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP23_EL56 **York Sample ID:** 20H1162-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H1162	170384501	Soil	August 28, 2020 2:30 pm	08/28/2020

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	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.0607**	J	mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.179	0.358	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*47.2 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*45.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*51.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*52.9 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*60.5 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*65.0 %*	*24-116*

Sample Information

Client Sample ID: EP23_EL56 **York Sample ID:** 20H1162-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H1162	170384501	Soil	August 28, 2020 2:30 pm	08/28/2020

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	0.00176	5	EPA 8081B	09/01/2020 07:56	09/02/2020 16:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00176	5	EPA 8081B	09/01/2020 07:56	09/02/2020 16:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00176	5	EPA 8081B	09/01/2020 07:56	09/02/2020 16:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	09/01/2020 07:56	09/02/2020 16:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	09/01/2020 07:56	09/02/2020 16:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	09/01/2020 07:56	09/02/2020 16:36	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	09/01/2020 07:56	09/02/2020 16:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	Chlordane, total	ND		mg/kg dry	0.0351	5	EPA 8081B	09/01/2020 07:56	09/02/2020 16:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	09/01/2020 07:56	09/02/2020 16:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	09/01/2020 07:56	09/02/2020 16:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00176	5	EPA 8081B	09/01/2020 07:56	09/02/2020 16:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00176	5	EPA 8081B	09/01/2020 07:56	09/02/2020 16:36	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00176	5	EPA 8081B	09/01/2020 07:56	09/02/2020 16:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00176	5	EPA 8081B	09/01/2020 07:56	09/02/2020 16:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00176	5	EPA 8081B	09/01/2020 07:56	09/02/2020 16:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00176	5	EPA 8081B	09/01/2020 07:56	09/02/2020 16:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00176	5	EPA 8081B	09/01/2020 07:56	09/02/2020 16:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	09/01/2020 07:56	09/02/2020 16:36	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00176	5	EPA 8081B	09/01/2020 07:56	09/02/2020 16:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00176	5	EPA 8081B	09/01/2020 07:56	09/02/2020 16:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00878	5	EPA 8081B	09/01/2020 07:56	09/02/2020 16:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP23_EL56 **York Sample ID:** 20H1162-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H1162	170384501	Soil	August 28, 2020 2:30 pm	08/28/2020

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
8001-35-2	Toxaphene	ND		mg/kg dry	0.0889	5	EPA 8081B	09/01/2020 07:56	09/02/2020 16:36	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*84.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*61.2 %*	*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**	**9570**		mg/kg dry	5.37	1	EPA 6010D	08/31/2020 09:14	09/01/2020 14:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.69	1	EPA 6010D	08/31/2020 09:14	09/01/2020 14:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**4.47**		mg/kg dry	1.61	1	EPA 6010D	08/31/2020 09:14	09/01/2020 14:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**188**		mg/kg dry	2.69	1	EPA 6010D	08/31/2020 09:14	09/01/2020 14:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.054	1	EPA 6010D	08/31/2020 09:14	09/01/2020 14:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.322	1	EPA 6010D	08/31/2020 09:14	09/01/2020 14:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**2500**		mg/kg dry	5.37	1	EPA 6010D	08/31/2020 09:14	09/01/2020 14:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**29.2**		mg/kg dry	0.537	1	EPA 6010D	08/31/2020 09:14	09/01/2020 14:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.76**		mg/kg dry	0.430	1	EPA 6010D	08/31/2020 09:14	09/01/2020 14:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**14.0**		mg/kg dry	2.15	1	EPA 6010D	08/31/2020 09:14	09/01/2020 14:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**15700**		mg/kg dry	26.9	1	EPA 6010D	08/31/2020 09:14	09/01/2020 14:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**522**	B	mg/kg dry	0.537	1	EPA 6010D	08/31/2020 09:14	09/01/2020 14:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**4080**		mg/kg dry	5.37	1	EPA 6010D	08/31/2020 09:14	09/01/2020 14:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**360**		mg/kg dry	0.537	1	EPA 6010D	08/31/2020 09:14	09/01/2020 14:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**35.2**		mg/kg dry	1.07	1	EPA 6010D	08/31/2020 09:14	09/01/2020 14:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1320**	B	mg/kg dry	5.37	1	EPA 6010D	08/31/2020 09:14	09/01/2020 14:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP23_EL56 **York Sample ID:** 20H1162-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H1162	170384501	Soil	August 28, 2020 2:30 pm	08/28/2020

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
7782-49-2	Selenium	ND		mg/kg dry	2.69	1	EPA 6010D	08/31/2020 09:14	09/01/2020 14:52	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.537	1	EPA 6010D	08/31/2020 09:14	09/01/2020 14:52	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**217**	B	mg/kg dry	53.7	1	EPA 6010D	08/31/2020 09:14	09/01/2020 14:52	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.69	1	EPA 6010D	08/31/2020 09:14	09/01/2020 14:52	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**26.8**		mg/kg dry	1.07	1	EPA 6010D	08/31/2020 09:14	09/01/2020 14:52	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**43.9**		mg/kg dry	2.69	1	EPA 6010D	08/31/2020 09:14	09/01/2020 14:52	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	0.0322	1	EPA 7473	09/02/2020 12:13	09/02/2020 14:31	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	0.537	1	EPA 7196A	08/29/2020 16:54	08/30/2020 11:52	ZTS
							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**	**29.2**		mg/kg	0.500	1	Calculation	09/03/2020 12:23	09/04/2020 15:09	AD
							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	0.537	1	EPA 9014/9010C	08/30/2020 09:59	08/30/2020 20:28	MAO
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

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

Sample Information

Client Sample ID: **EP23_EL56** **York Sample ID:** **20H1162-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H1162	170384501	Soil	August 28, 2020 2:30 pm	08/28/2020

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	93.0		%	0.100	1	SM 2540G	08/30/2020 11:34	08/31/2020 12:02	SK
							Certifications: CTDOH			

Sample Information

Client Sample ID: EP25_EL56 **York Sample ID:** 20H1162-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H1162	170384501	Soil	August 28, 2020 2:40 pm	08/28/2020

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	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	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	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.039	0.079	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP25_EL56 **York Sample ID:** 20H1162-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H1162	170384501	Soil	August 28, 2020 2:40 pm	08/28/2020

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	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.0041**	CCV-E, J	mg/kg dry	0.0039	0.0079	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP25_EL56 **York Sample ID:** 20H1162-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H1162	170384501	Soil	August 28, 2020 2:40 pm	08/28/2020

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	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	**Methyl acetate**	**0.0076**		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0039	0.0079	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP25_EL56 **York Sample ID:** 20H1162-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H1162	170384501	Soil	August 28, 2020 2:40 pm	08/28/2020

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	0.0020	0.0039	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0059	0.012	1	EPA 8260C	08/31/2020 06:55	08/31/2020 14:03	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*	*105 %*	*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	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP25_EL56 **York Sample ID:** 20H1162-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H1162	170384501	Soil	August 28, 2020 2:40 pm	08/28/2020

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	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.179	0.358	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.179	0.358	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP25_EL56 **York Sample ID:** 20H1162-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H1162	170384501	Soil	August 28, 2020 2:40 pm	08/28/2020

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	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	**Dimethyl phthalate**	**0.0479**	J, B	mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP25_EL56 **York Sample ID:** 20H1162-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H1162	170384501	Soil	August 28, 2020 2:40 pm	08/28/2020

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	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.179	0.358	2	EPA 8270D	09/02/2020 07:24	09/02/2020 17:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*74.0 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*70.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*82.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*78.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*94.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*96.9 %*	*24-116*

Sample Information

Client Sample ID: EP25_EL56 **York Sample ID:** 20H1162-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H1162	170384501	Soil	August 28, 2020 2:40 pm	08/28/2020

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	0.00176	5	EPA 8081B	09/01/2020 07:56	09/02/2020 16:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00176	5	EPA 8081B	09/01/2020 07:56	09/02/2020 16:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00176	5	EPA 8081B	09/01/2020 07:56	09/02/2020 16:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	09/01/2020 07:56	09/02/2020 16:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	09/01/2020 07:56	09/02/2020 16:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	09/01/2020 07:56	09/02/2020 16:53	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	09/01/2020 07:56	09/02/2020 16:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	Chlordane, total	ND		mg/kg dry	0.0351	5	EPA 8081B	09/01/2020 07:56	09/02/2020 16:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	09/01/2020 07:56	09/02/2020 16:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	09/01/2020 07:56	09/02/2020 16:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00176	5	EPA 8081B	09/01/2020 07:56	09/02/2020 16:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00176	5	EPA 8081B	09/01/2020 07:56	09/02/2020 16:53	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00176	5	EPA 8081B	09/01/2020 07:56	09/02/2020 16:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00176	5	EPA 8081B	09/01/2020 07:56	09/02/2020 16:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00176	5	EPA 8081B	09/01/2020 07:56	09/02/2020 16:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00176	5	EPA 8081B	09/01/2020 07:56	09/02/2020 16:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00176	5	EPA 8081B	09/01/2020 07:56	09/02/2020 16:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	09/01/2020 07:56	09/02/2020 16:53	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00176	5	EPA 8081B	09/01/2020 07:56	09/02/2020 16:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00176	5	EPA 8081B	09/01/2020 07:56	09/02/2020 16:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00879	5	EPA 8081B	09/01/2020 07:56	09/02/2020 16:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP25_EL56 **York Sample ID:** 20H1162-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H1162	170384501	Soil	August 28, 2020 2:40 pm	08/28/2020

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
8001-35-2	Toxaphene	ND		mg/kg dry	0.0889	5	EPA 8081B	09/01/2020 07:56	09/02/2020 16:53	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*98.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*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**	**9520**		mg/kg dry	5.38	1	EPA 6010D	08/31/2020 09:14	09/01/2020 15:00	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.69	1	EPA 6010D	08/31/2020 09:14	09/01/2020 15:00	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**4.56**		mg/kg dry	1.61	1	EPA 6010D	08/31/2020 09:14	09/01/2020 15:00	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**45.1**		mg/kg dry	2.69	1	EPA 6010D	08/31/2020 09:14	09/01/2020 15:00	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.054	1	EPA 6010D	08/31/2020 09:14	09/01/2020 15:00	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.323	1	EPA 6010D	08/31/2020 09:14	09/01/2020 15:00	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1320**		mg/kg dry	5.38	1	EPA 6010D	08/31/2020 09:14	09/01/2020 15:00	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**18.9**		mg/kg dry	0.538	1	EPA 6010D	08/31/2020 09:14	09/01/2020 15:00	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**7.19**		mg/kg dry	0.430	1	EPA 6010D	08/31/2020 09:14	09/01/2020 15:00	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**12.2**		mg/kg dry	2.15	1	EPA 6010D	08/31/2020 09:14	09/01/2020 15:00	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**14300**		mg/kg dry	26.9	1	EPA 6010D	08/31/2020 09:14	09/01/2020 15:00	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**8.14**	B	mg/kg dry	0.538	1	EPA 6010D	08/31/2020 09:14	09/01/2020 15:00	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2900**		mg/kg dry	5.38	1	EPA 6010D	08/31/2020 09:14	09/01/2020 15:00	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**289**		mg/kg dry	0.538	1	EPA 6010D	08/31/2020 09:14	09/01/2020 15:00	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**27.7**		mg/kg dry	1.08	1	EPA 6010D	08/31/2020 09:14	09/01/2020 15:00	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1150**	B	mg/kg dry	5.38	1	EPA 6010D	08/31/2020 09:14	09/01/2020 15:00	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP25_EL56 **York Sample ID:** 20H1162-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H1162	170384501	Soil	August 28, 2020 2:40 pm	08/28/2020

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
7782-49-2	Selenium	ND		mg/kg dry	2.69	1	EPA 6010D	08/31/2020 09:14	09/01/2020 15:00	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.538	1	EPA 6010D	08/31/2020 09:14	09/01/2020 15:00	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**136**	B	mg/kg dry	53.8	1	EPA 6010D	08/31/2020 09:14	09/01/2020 15:00	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.69	1	EPA 6010D	08/31/2020 09:14	09/01/2020 15:00	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**24.7**		mg/kg dry	1.08	1	EPA 6010D	08/31/2020 09:14	09/01/2020 15:00	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**34.7**		mg/kg dry	2.69	1	EPA 6010D	08/31/2020 09:14	09/01/2020 15:00	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	0.0323	1	EPA 7473	09/02/2020 12:13	09/02/2020 14:39	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	0.538	1	EPA 7196A	08/29/2020 16:54	08/30/2020 11:52	ZTS
							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**	**18.9**		mg/kg	0.500	1	Calculation	09/03/2020 12:23	09/04/2020 15:09	AD
							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	0.538	1	EPA 9014/9010C	08/30/2020 09:59	08/30/2020 20:28	MAO
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

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

Sample Information

Client Sample ID: **EP25_EL56** **York Sample ID:** **20H1162-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H1162	170384501	Soil	August 28, 2020 2:40 pm	08/28/2020

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**	**93.0**		%	0.100	1	SM 2540G	08/30/2020 11:34	08/31/2020 12:02	SK
							Certifications: CTDOH			

Sample Information

Client Sample ID: TB05_082820 **York Sample ID:** 20H1162-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H1162	170384501	Water	August 28, 2020 12:00 am	08/28/2020

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	08/31/2020 06:47	08/31/2020 16:36	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	08/31/2020 06:47	08/31/2020 16:36	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	08/31/2020 06:47	08/31/2020 16:36	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	08/31/2020 06:47	08/31/2020 16:36	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	08/31/2020 06:47	08/31/2020 16:36	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	08/31/2020 06:47	08/31/2020 16:36	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	08/31/2020 06:47	08/31/2020 16:36	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	08/31/2020 06:47	08/31/2020 16:36	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	08/31/2020 06:47	08/31/2020 16:36	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	08/31/2020 06:47	08/31/2020 16:36	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	08/31/2020 06:47	08/31/2020 16:36	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	08/31/2020 06:47	08/31/2020 16:36	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	08/31/2020 06:47	08/31/2020 16:36	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	08/31/2020 06:47	08/31/2020 16:36	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	08/31/2020 06:47	08/31/2020 16:36	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	08/31/2020 06:47	08/31/2020 16:36	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	08/31/2020 06:47	08/31/2020 16:36	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	08/31/2020 06:47	08/31/2020 16:36	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	08/31/2020 06:47	08/31/2020 16:36	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	08/31/2020 06:47	08/31/2020 16:36	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	08/31/2020 06:47	08/31/2020 16:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB05_082820 **York Sample ID:** 20H1162-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H1162	170384501	Water	August 28, 2020 12:00 am	08/28/2020

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	08/31/2020 06:47	08/31/2020 16:36	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	08/31/2020 06:47	08/31/2020 16:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	08/31/2020 06:47	08/31/2020 16:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	08/31/2020 06:47	08/31/2020 16:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	08/31/2020 06:47	08/31/2020 16:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/31/2020 06:47	08/31/2020 16:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/31/2020 06:47	08/31/2020 16:36	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/31/2020 06:47	08/31/2020 16:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	**Bromoform**	**1.13**		ug/L	0.200	0.500	1	EPA 8260C	08/31/2020 06:47	08/31/2020 16:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/31/2020 06:47	08/31/2020 16:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	08/31/2020 06:47	08/31/2020 16:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	08/31/2020 06:47	08/31/2020 16:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/31/2020 06:47	08/31/2020 16:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/31/2020 06:47	08/31/2020 16:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	**Chloroform**	**0.340**		ug/L	0.200	0.500	1	EPA 8260C	08/31/2020 06:47	08/31/2020 16:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/31/2020 06:47	08/31/2020 16:36	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	08/31/2020 06:47	08/31/2020 16:36	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	08/31/2020 06:47	08/31/2020 16:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/31/2020 06:47	08/31/2020 16:36	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	**Dibromochloromethane**	**0.950**		ug/L	0.200	0.500	1	EPA 8260C	08/31/2020 06:47	08/31/2020 16:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/31/2020 06:47	08/31/2020 16:36	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/31/2020 06:47	08/31/2020 16:36	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB05_082820 **York Sample ID:** 20H1162-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H1162	170384501	Water	August 28, 2020 12:00 am	08/28/2020

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	08/31/2020 06:47	08/31/2020 16:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/31/2020 06:47	08/31/2020 16:36	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/31/2020 06:47	08/31/2020 16:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	08/31/2020 06:47	08/31/2020 16:36	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	08/31/2020 06:47	08/31/2020 16:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/31/2020 06:47	08/31/2020 16:36	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	08/31/2020 06:47	08/31/2020 16:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/31/2020 06:47	08/31/2020 16:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/31/2020 06:47	08/31/2020 16:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/31/2020 06:47	08/31/2020 16:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	08/31/2020 06:47	08/31/2020 16:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/31/2020 06:47	08/31/2020 16:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/31/2020 06:47	08/31/2020 16:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/31/2020 06:47	08/31/2020 16:36	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	08/31/2020 06:47	08/31/2020 16:36	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/31/2020 06:47	08/31/2020 16:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/31/2020 06:47	08/31/2020 16:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/31/2020 06:47	08/31/2020 16:36	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	08/31/2020 06:47	08/31/2020 16:36	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	08/31/2020 06:47	08/31/2020 16:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/31/2020 06:47	08/31/2020 16:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/31/2020 06:47	08/31/2020 16:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB05_082820 **York Sample ID:** 20H1162-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20H1162	170384501	Water	August 28, 2020 12:00 am	08/28/2020

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	08/31/2020 06:47	08/31/2020 16:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	08/31/2020 06:47	08/31/2020 16:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.9 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*	*79-122*

Analytical Batch Summary

Batch ID: BH01660 **Preparation Method:** EPA SW846-3060 **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
20H1162-01	EP23_EL56	08/29/20
20H1162-02	EP25_EL56	08/29/20
BH01660-BLK1	Blank	08/29/20
BH01660-DUP1	Duplicate	08/29/20
BH01660-MS1	Matrix Spike	08/29/20
BH01660-SRM1	Reference	08/29/20

Batch ID: BH01665 **Preparation Method:** Analysis Preparation Soil **Prepared By:** MAO

YORK Sample ID	Client Sample ID	Preparation Date
20H1162-01	EP23_EL56	08/30/20
20H1162-02	EP25_EL56	08/30/20
BH01665-BLK1	Blank	08/30/20
BH01665-DUP1	Duplicate	08/30/20
BH01665-MS1	Matrix Spike	08/30/20
BH01665-SRM1	Reference	08/30/20

Batch ID: BH01671 **Preparation Method:** % Solids Prep **Prepared By:** MAO

YORK Sample ID	Client Sample ID	Preparation Date
20H1162-01	EP23_EL56	08/30/20
20H1162-02	EP25_EL56	08/30/20
BH01671-DUP1	Duplicate	08/30/20

Batch ID: BH01690 **Preparation Method:** EPA 3050B **Prepared By:** WJM

YORK Sample ID	Client Sample ID	Preparation Date
20H1162-01	EP23_EL56	08/31/20
20H1162-02	EP25_EL56	08/31/20
BH01690-BLK1	Blank	08/31/20
BH01690-DUP1	Duplicate	08/31/20
BH01690-MS1	Matrix Spike	08/31/20
BH01690-PS1	Post Spike	08/31/20
BH01690-SRM1	Reference	08/31/20

Batch ID: BH01746 **Preparation Method:** EPA 5035A **Prepared By:** KHA

YORK Sample ID	Client Sample ID	Preparation Date
20H1162-01	EP23_EL56	08/31/20
20H1162-02	EP25_EL56	08/31/20
BH01746-BLK1	Blank	08/31/20
BH01746-BLK2	Blank	08/31/20
BH01746-BS1	LCS	08/31/20

BH01746-BSD1	LCS Dup	08/31/20

Batch ID: BH01747 **Preparation Method:** EPA 5030B **Prepared By:** KHA

YORK Sample ID	Client Sample ID	Preparation Date
20H1162-03	TB05_082820	08/31/20
BH01747-BLK1	Blank	08/31/20
BH01747-BS1	LCS	08/31/20
BH01747-BSD1	LCS Dup	08/31/20

Batch ID: BI00004 **Preparation Method:** EPA 3550C **Prepared By:** TSS

YORK Sample ID	Client Sample ID	Preparation Date
20H1162-01	EP23_EL56	09/01/20
20H1162-02	EP25_EL56	09/01/20
BI00004-BLK1	Blank	09/01/20
BI00004-BS1	LCS	09/01/20

Batch ID: BI00083 **Preparation Method:** EPA 3550C **Prepared By:** TSS

YORK Sample ID	Client Sample ID	Preparation Date
20H1162-01	EP23_EL56	09/02/20
20H1162-02	EP25_EL56	09/02/20
BI00083-BLK1	Blank	09/02/20
BI00083-BS1	LCS	09/02/20
BI00083-MS1	Matrix Spike	09/02/20
BI00083-MSD1	Matrix Spike Dup	09/02/20

Batch ID: BI00105 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20H1162-01	EP23_EL56	09/02/20
20H1162-02	EP25_EL56	09/02/20
BI00105-BLK1	Blank	09/02/20
BI00105-DUP1	Duplicate	09/02/20
BI00105-MS1	Matrix Spike	09/02/20
BI00105-SRM1	Reference	09/02/20

Batch ID: BI00200 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
20H1162-01	EP23_EL56	09/03/20
20H1162-02	EP25_EL56	09/03/20

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 BH01746 - EPA 5035A											
Blank (BH01746-BLK1)											Prepared & Analyzed: 08/31/2020
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 BH01746 - EPA 5035A											
Blank (BH01746-BLK1)											Prepared & Analyzed: 08/31/2020
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	*50.9*		*ug/L*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.8*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.1*		*"*	*50.0*		*104*	*76-130*				
Blank (BH01746-BLK2)											Prepared & Analyzed: 08/31/2020
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 BH01746 - EPA 5035A											
Blank (BH01746-BLK2)											Prepared & Analyzed: 08/31/2020
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	*52.9*		*ug/L*	*50.0*		*106*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.6*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.2*		*"*	*50.0*		*104*	*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 BH01746 - EPA 5035A											
LCS (BH01746-BS1)								Prepared & Analyzed: 08/31/2020			
1,1,1,2-Tetrachloroethane	45.7		ug/L	50.0		91.4	75-129				
1,1,1-Trichloroethane	57.2		"	50.0		114	71-137				
1,1,2,2-Tetrachloroethane	55.1		"	50.0		110	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	66.9		"	50.0		134	58-146				
1,1,2-Trichloroethane	54.3		"	50.0		109	83-123				
1,1-Dichloroethane	51.7		"	50.0		103	75-130				
1,1-Dichloroethylene	60.3		"	50.0		121	64-137				
1,2,3-Trichlorobenzene	55.0		"	50.0		110	81-140				
1,2,3-Trichloropropane	55.2		"	50.0		110	81-126				
1,2,4-Trichlorobenzene	54.4		"	50.0		109	80-141				
1,2,4-Trimethylbenzene	50.2		"	50.0		100	84-125				
1,2-Dibromo-3-chloropropane	65.2		"	50.0		130	74-142				
1,2-Dibromoethane	54.7		"	50.0		109	86-123				
1,2-Dichlorobenzene	53.1		"	50.0		106	85-122				
1,2-Dichloroethane	55.2		"	50.0		110	71-133				
1,2-Dichloropropane	48.8		"	50.0		97.7	81-122				
1,3,5-Trimethylbenzene	51.3		"	50.0		103	82-126				
1,3-Dichlorobenzene	52.5		"	50.0		105	84-124				
1,4-Dichlorobenzene	51.4		"	50.0		103	84-124				
1,4-Dioxane	1290		"	1050		123	10-228				
2-Butanone	65.8		"	50.0		132	58-147				
2-Hexanone	58.2		"	50.0		116	70-139				
4-Methyl-2-pentanone	58.5		"	50.0		117	72-132				
Acetone	41.4		"	50.0		82.7	36-155				
Acrolein	130		"	50.0		261	10-238	High Bias			
Acrylonitrile	58.8		"	50.0		118	66-141				
Benzene	54.1		"	50.0		108	77-127				
Bromochloromethane	53.7		"	50.0		107	74-129				
Bromodichloromethane	56.5		"	50.0		113	81-124				
Bromoform	51.6		"	50.0		103	80-136				
Bromomethane	74.0		"	50.0		148	32-177				
Carbon disulfide	55.0		"	50.0		110	10-136				
Carbon tetrachloride	62.4		"	50.0		125	66-143				
Chlorobenzene	52.5		"	50.0		105	86-120				
Chloroethane	67.7		"	50.0		135	51-142				
Chloroform	54.4		"	50.0		109	76-131				
Chloromethane	65.0		"	50.0		130	49-132				
cis-1,2-Dichloroethylene	52.8		"	50.0		106	74-132				
cis-1,3-Dichloropropylene	54.0		"	50.0		108	81-129				
Cyclohexane	53.0		"	50.0		106	70-130				
Dibromochloromethane	62.9		"	50.0		126	10-200				
Dibromomethane	53.6		"	50.0		107	83-124				
Dichlorodifluoromethane	67.3		"	50.0		135	28-158				
Ethyl Benzene	52.9		"	50.0		106	84-125				
Hexachlorobutadiene	54.7		"	50.0		109	83-133				
Isopropylbenzene	49.6		"	50.0		99.1	81-127				
Methyl acetate	51.8		"	50.0		104	41-143				
Methyl tert-butyl ether (MTBE)	56.0		"	50.0		112	74-131				
Methylcyclohexane	52.2		"	50.0		104	70-130				
Methylene chloride	56.3		"	50.0		113	57-141				
n-Butylbenzene	57.9		"	50.0		116	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 BH01746 - EPA 5035A											
LCS (BH01746-BS1)								Prepared & Analyzed: 08/31/2020			
n-Propylbenzene	50.4		ug/L	50.0		101	74-136				
o-Xylene	51.9		"	50.0		104	83-123				
p- & m- Xylenes	107		"	100		107	82-128				
p-Isopropyltoluene	52.8		"	50.0		106	85-125				
sec-Butylbenzene	54.0		"	50.0		108	83-125				
Styrene	53.8		"	50.0		108	86-126				
tert-Butyl alcohol (TBA)	295		"	250		118	70-130				
tert-Butylbenzene	50.2		"	50.0		100	80-127				
Tetrachloroethylene	48.9		"	50.0		97.8	80-129				
Toluene	52.1		"	50.0		104	85-121				
trans-1,2-Dichloroethylene	55.1		"	50.0		110	72-132				
trans-1,3-Dichloropropylene	52.8		"	50.0		106	78-132				
Trichloroethylene	53.7		"	50.0		107	84-123				
Trichlorofluoromethane	64.6		"	50.0		129	62-140				
Vinyl Chloride	65.0		"	50.0		130	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.3*		*"*	*50.0*		*105*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.0*		*"*	*50.0*		*100*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.7*		*"*	*50.0*		*95.4*	*76-130*				
LCS Dup (BH01746-BSD1)								Prepared & Analyzed: 08/31/2020			
1,1,1,2-Tetrachloroethane	45.4		ug/L	50.0		90.9	75-129		0.549	30	
1,1,1-Trichloroethane	56.7		"	50.0		113	71-137		0.843	30	
1,1,2,2-Tetrachloroethane	56.2		"	50.0		112	79-129		2.07	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	68.3		"	50.0		137	58-146		2.07	30	
1,1,2-Trichloroethane	54.0		"	50.0		108	83-123		0.554	30	
1,1-Dichloroethane	51.5		"	50.0		103	75-130		0.349	30	
1,1-Dichloroethylene	62.3		"	50.0		125	64-137		3.20	30	
1,2,3-Trichlorobenzene	56.0		"	50.0		112	81-140		1.64	30	
1,2,3-Trichloropropane	56.1		"	50.0		112	81-126		1.73	30	
1,2,4-Trichlorobenzene	55.3		"	50.0		111	80-141		1.51	30	
1,2,4-Trimethylbenzene	51.1		"	50.0		102	84-125		1.82	30	
1,2-Dibromo-3-chloropropane	64.5		"	50.0		129	74-142		1.06	30	
1,2-Dibromoethane	54.9		"	50.0		110	86-123		0.347	30	
1,2-Dichlorobenzene	53.1		"	50.0		106	85-122		0.0753	30	
1,2-Dichloroethane	54.1		"	50.0		108	71-133		1.96	30	
1,2-Dichloropropane	49.8		"	50.0		99.6	81-122		1.93	30	
1,3,5-Trimethylbenzene	53.0		"	50.0		106	82-126		3.36	30	
1,3-Dichlorobenzene	53.2		"	50.0		106	84-124		1.44	30	
1,4-Dichlorobenzene	52.1		"	50.0		104	84-124		1.45	30	
1,4-Dioxane	1400		"	1050		134	10-228		8.25	30	
2-Butanone	53.0		"	50.0		106	58-147		21.5	30	
2-Hexanone	59.9		"	50.0		120	70-139		2.83	30	
4-Methyl-2-pentanone	60.7		"	50.0		121	72-132		3.67	30	
Acetone	39.6		"	50.0		79.1	36-155		4.45	30	
Acrolein	128		"	50.0		256	10-238	High Bias	1.75	30	
Acrylonitrile	60.9		"	50.0		122	66-141		3.51	30	
Benzene	53.8		"	50.0		108	77-127		0.538	30	
Bromochloromethane	53.3		"	50.0		107	74-129		0.710	30	
Bromodichloromethane	55.6		"	50.0		111	81-124		1.61	30	
Bromoform	51.5		"	50.0		103	80-136		0.136	30	
Bromomethane	60.0		"	50.0		120	32-177		21.0	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 BH01746 - EPA 5035A											
LCS Dup (BH01746-BSD1)								Prepared & Analyzed: 08/31/2020			
Carbon disulfide	56.3		ug/L	50.0		113	10-136		2.25	30	
Carbon tetrachloride	62.3		"	50.0		125	66-143		0.176	30	
Chlorobenzene	53.4		"	50.0		107	86-120		1.70	30	
Chloroethane	68.0		"	50.0		136	51-142		0.442	30	
Chloroform	55.1		"	50.0		110	76-131		1.42	30	
Chloromethane	66.4		"	50.0		133	49-132	High Bias	1.99	30	
cis-1,2-Dichloroethylene	53.5		"	50.0		107	74-132		1.35	30	
cis-1,3-Dichloropropylene	53.7		"	50.0		107	81-129		0.632	30	
Cyclohexane	52.8		"	50.0		106	70-130		0.529	30	
Dibromochloromethane	62.2		"	50.0		124	10-200		1.20	30	
Dibromomethane	54.3		"	50.0		109	83-124		1.39	30	
Dichlorodifluoromethane	69.4		"	50.0		139	28-158		3.16	30	
Ethyl Benzene	53.4		"	50.0		107	84-125		1.07	30	
Hexachlorobutadiene	56.5		"	50.0		113	83-133		3.22	30	
Isopropylbenzene	50.4		"	50.0		101	81-127		1.74	30	
Methyl acetate	50.9		"	50.0		102	41-143		1.66	30	
Methyl tert-butyl ether (MTBE)	55.8		"	50.0		112	74-131		0.447	30	
Methylcyclohexane	53.1		"	50.0		106	70-130		1.75	30	
Methylene chloride	56.2		"	50.0		112	57-141		0.124	30	
n-Butylbenzene	58.5		"	50.0		117	80-130		0.928	30	
n-Propylbenzene	51.6		"	50.0		103	74-136		2.37	30	
o-Xylene	52.4		"	50.0		105	83-123		0.863	30	
p- & m- Xylenes	108		"	100		108	82-128		0.878	30	
p-Isopropyltoluene	53.7		"	50.0		107	85-125		1.56	30	
sec-Butylbenzene	55.4		"	50.0		111	83-125		2.52	30	
Styrene	54.4		"	50.0		109	86-126		1.15	30	
tert-Butyl alcohol (TBA)	308		"	250		123	70-130		4.27	30	
tert-Butylbenzene	51.4		"	50.0		103	80-127		2.46	30	
Tetrachloroethylene	50.3		"	50.0		101	80-129		2.90	30	
Toluene	52.9		"	50.0		106	85-121		1.54	30	
trans-1,2-Dichloroethylene	55.7		"	50.0		111	72-132		0.975	30	
trans-1,3-Dichloropropylene	54.2		"	50.0		108	78-132		2.64	30	
Trichloroethylene	53.6		"	50.0		107	84-123		0.186	30	
Trichlorofluoromethane	64.4		"	50.0		129	62-140		0.310	30	
Vinyl Chloride	68.8		"	50.0		138	52-130	High Bias	5.63	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.3*		*"*	*50.0*		*105*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.6*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.3*		*"*	*50.0*		*96.6*	*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 BH01747 - EPA 5030B											
Blank (BH01747-BLK1)											
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	2.19	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	"								

Prepared & Analyzed: 08/31/2020

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 BH01747 - EPA 5030B											
Blank (BH01747-BLK1)								Prepared & Analyzed: 08/31/2020			
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	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.75*		*"*	*10.0*		*97.5*	*79-122*				
LCS (BH01747-BS1)								Prepared & Analyzed: 08/31/2020			
1,1,1,2-Tetrachloroethane	9.78		ug/L	10.0		97.8	82-126				
1,1,1-Trichloroethane	9.74		"	10.0		97.4	78-136				
1,1,2,2-Tetrachloroethane	9.56		"	10.0		95.6	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1		"	10.0		101	54-165				
1,1,2-Trichloroethane	8.93		"	10.0		89.3	82-123				
1,1-Dichloroethane	9.27		"	10.0		92.7	82-129				
1,1-Dichloroethylene	9.73		"	10.0		97.3	68-138				
1,2,3-Trichlorobenzene	9.06		"	10.0		90.6	76-136				
1,2,3-Trichloropropane	9.54		"	10.0		95.4	77-128				
1,2,4-Trichlorobenzene	9.68		"	10.0		96.8	76-137				
1,2,4-Trimethylbenzene	10.8		"	10.0		108	82-132				
1,2-Dibromo-3-chloropropane	9.30		"	10.0		93.0	45-147				
1,2-Dibromoethane	9.07		"	10.0		90.7	83-124				
1,2-Dichlorobenzene	10.1		"	10.0		101	79-123				
1,2-Dichloroethane	8.99		"	10.0		89.9	73-132				
1,2-Dichloropropane	9.51		"	10.0		95.1	78-126				
1,3,5-Trimethylbenzene	10.8		"	10.0		108	80-131				
1,3-Dichlorobenzene	10.2		"	10.0		102	86-122				
1,4-Dichlorobenzene	10.3		"	10.0		103	85-124				
1,4-Dioxane	197		"	210		93.7	10-349				
2-Butanone	8.52		"	10.0		85.2	49-152				
2-Hexanone	8.57		"	10.0		85.7	51-146				
4-Methyl-2-pentanone	8.30		"	10.0		83.0	57-145				
Acetone	9.88		"	10.0		98.8	14-150				
Acrolein	10.3		"	10.0		103	10-153				
Acrylonitrile	8.31		"	10.0		83.1	51-150				
Benzene	9.71		"	10.0		97.1	85-126				
Bromochloromethane	8.74		"	10.0		87.4	77-128				
Bromodichloromethane	9.44		"	10.0		94.4	79-128				
Bromoform	8.85		"	10.0		88.5	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 BH01747 - EPA 5030B											
LCS (BH01747-BS1)								Prepared & Analyzed: 08/31/2020			
Bromomethane	3.63		ug/L	10.0		36.3	43-168	Low Bias			
Carbon disulfide	9.92		"	10.0		99.2	68-146				
Carbon tetrachloride	9.86		"	10.0		98.6	77-141				
Chlorobenzene	9.97		"	10.0		99.7	88-120				
Chloroethane	9.54		"	10.0		95.4	65-136				
Chloroform	9.44		"	10.0		94.4	82-128				
Chloromethane	8.22		"	10.0		82.2	43-155				
cis-1,2-Dichloroethylene	9.77		"	10.0		97.7	83-129				
cis-1,3-Dichloropropylene	9.47		"	10.0		94.7	80-131				
Cyclohexane	10.0		"	10.0		100	63-149				
Dibromochloromethane	9.24		"	10.0		92.4	80-130				
Dibromomethane	8.98		"	10.0		89.8	72-134				
Dichlorodifluoromethane	9.01		"	10.0		90.1	44-144				
Ethyl Benzene	10.6		"	10.0		106	80-131				
Hexachlorobutadiene	10.3		"	10.0		103	67-146				
Isopropylbenzene	10.8		"	10.0		108	76-140				
Methyl acetate	8.52		"	10.0		85.2	51-139				
Methyl tert-butyl ether (MTBE)	8.41		"	10.0		84.1	76-135				
Methylcyclohexane	10.2		"	10.0		102	72-143				
Methylene chloride	9.29		"	10.0		92.9	55-137				
n-Butylbenzene	11.7		"	10.0		117	79-132				
n-Propylbenzene	10.9		"	10.0		109	78-133				
o-Xylene	10.2		"	10.0		102	78-130				
p- & m- Xylenes	21.3		"	20.0		107	77-133				
p-Isopropyltoluene	10.8		"	10.0		108	81-136				
sec-Butylbenzene	11.2		"	10.0		112	79-137				
Styrene	10.5		"	10.0		105	67-132				
tert-Butyl alcohol (TBA)	35.4		"	50.0		70.9	25-162				
tert-Butylbenzene	9.47		"	10.0		94.7	77-138				
Tetrachloroethylene	10.5		"	10.0		105	82-131				
Toluene	10.3		"	10.0		103	80-127				
trans-1,2-Dichloroethylene	9.83		"	10.0		98.3	80-132				
trans-1,3-Dichloropropylene	9.15		"	10.0		91.5	78-131				
Trichloroethylene	10.4		"	10.0		104	82-128				
Trichlorofluoromethane	10.3		"	10.0		103	67-139				
Vinyl Chloride	9.12		"	10.0		91.2	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.10*		*"*	*10.0*		*91.0*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BH01747 - EPA 5030B

LCS Dup (BH01747-BSD1) Prepared & Analyzed: 08/31/2020

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	9.52		ug/L	10.0		95.2	82-126		2.69	30	
1,1,1-Trichloroethane	9.48		"	10.0		94.8	78-136		2.71	30	
1,1,2,2-Tetrachloroethane	9.81		"	10.0		98.1	76-129		2.58	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.72		"	10.0		97.2	54-165		3.44	30	
1,1,2-Trichloroethane	9.57		"	10.0		95.7	82-123		6.92	30	
1,1-Dichloroethane	9.13		"	10.0		91.3	82-129		1.52	30	
1,1-Dichloroethylene	9.56		"	10.0		95.6	68-138		1.76	30	
1,2,3-Trichlorobenzene	9.15		"	10.0		91.5	76-136		0.988	30	
1,2,3-Trichloropropane	9.61		"	10.0		96.1	77-128		0.731	30	
1,2,4-Trichlorobenzene	9.55		"	10.0		95.5	76-137		1.35	30	
1,2,4-Trimethylbenzene	9.58		"	10.0		95.8	82-132		11.6	30	
1,2-Dibromo-3-chloropropane	9.19		"	10.0		91.9	45-147		1.19	30	
1,2-Dibromoethane	9.73		"	10.0		97.3	83-124		7.02	30	
1,2-Dichlorobenzene	9.51		"	10.0		95.1	79-123		5.62	30	
1,2-Dichloroethane	9.64		"	10.0		96.4	73-132		6.98	30	
1,2-Dichloropropane	9.28		"	10.0		92.8	78-126		2.45	30	
1,3,5-Trimethylbenzene	9.47		"	10.0		94.7	80-131		13.3	30	
1,3-Dichlorobenzene	9.18		"	10.0		91.8	86-122		10.7	30	
1,4-Dichlorobenzene	9.31		"	10.0		93.1	85-124		9.90	30	
1,4-Dioxane	236		"	210		113	10-349		18.3	30	
2-Butanone	9.97		"	10.0		99.7	49-152		15.7	30	
2-Hexanone	10.4		"	10.0		104	51-146		18.8	30	
4-Methyl-2-pentanone	9.85		"	10.0		98.5	57-145		17.1	30	
Acetone	10.1		"	10.0		101	14-150		2.20	30	
Acrolein	11.8		"	10.0		118	10-153		14.0	30	
Acrylonitrile	9.48		"	10.0		94.8	51-150		13.2	30	
Benzene	9.58		"	10.0		95.8	85-126		1.35	30	
Bromochloromethane	9.35		"	10.0		93.5	77-128		6.74	30	
Bromodichloromethane	9.48		"	10.0		94.8	79-128		0.423	30	
Bromoform	9.23		"	10.0		92.3	78-133		4.20	30	
Bromomethane	3.81		"	10.0		38.1	43-168	Low Bias	4.84	30	
Carbon disulfide	9.39		"	10.0		93.9	68-146		5.49	30	
Carbon tetrachloride	9.50		"	10.0		95.0	77-141		3.72	30	
Chlorobenzene	9.70		"	10.0		97.0	88-120		2.75	30	
Chloroethane	9.13		"	10.0		91.3	65-136		4.39	30	
Chloroform	9.50		"	10.0		95.0	82-128		0.634	30	
Chloromethane	7.69		"	10.0		76.9	43-155		6.66	30	
cis-1,2-Dichloroethylene	9.78		"	10.0		97.8	83-129		0.102	30	
cis-1,3-Dichloropropylene	9.61		"	10.0		96.1	80-131		1.47	30	
Cyclohexane	9.62		"	10.0		96.2	63-149		4.17	30	
Dibromochloromethane	9.82		"	10.0		98.2	80-130		6.09	30	
Dibromomethane	9.04		"	10.0		90.4	72-134		0.666	30	
Dichlorodifluoromethane	8.70		"	10.0		87.0	44-144		3.50	30	
Ethyl Benzene	9.83		"	10.0		98.3	80-131		7.25	30	
Hexachlorobutadiene	9.18		"	10.0		91.8	67-146		11.7	30	
Isopropylbenzene	9.13		"	10.0		91.3	76-140		16.9	30	
Methyl acetate	10.1		"	10.0		101	51-139		17.0	30	
Methyl tert-butyl ether (MTBE)	10.1		"	10.0		101	76-135		18.2	30	
Methylcyclohexane	9.45		"	10.0		94.5	72-143		7.44	30	
Methylene chloride	9.61		"	10.0		96.1	55-137		3.39	30	
n-Butylbenzene	10.4		"	10.0		104	79-132		10.9	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 BH01747 - EPA 5030B											
LCS Dup (BH01747-BSD1)								Prepared & Analyzed: 08/31/2020			
n-Propylbenzene	9.33		ug/L	10.0		93.3	78-133		15.7	30	
o-Xylene	9.64		"	10.0		96.4	78-130		5.15	30	
p- & m- Xylenes	19.6		"	20.0		98.0	77-133		8.36	30	
p-Isopropyltoluene	9.46		"	10.0		94.6	81-136		13.0	30	
sec-Butylbenzene	9.80		"	10.0		98.0	79-137		13.2	30	
Styrene	10.3		"	10.0		103	67-132		1.92	30	
tert-Butyl alcohol (TBA)	43.9		"	50.0		87.9	25-162		21.4	30	
tert-Butylbenzene	8.10		"	10.0		81.0	77-138		15.6	30	
Tetrachloroethylene	9.49		"	10.0		94.9	82-131		10.1	30	
Toluene	9.52		"	10.0		95.2	80-127		7.58	30	
trans-1,2-Dichloroethylene	9.63		"	10.0		96.3	80-132		2.06	30	
trans-1,3-Dichloropropylene	9.61		"	10.0		96.1	78-131		4.90	30	
Trichloroethylene	9.63		"	10.0		96.3	82-128		7.30	30	
Trichlorofluoromethane	9.72		"	10.0		97.2	67-139		5.70	30	
Vinyl Chloride	8.66		"	10.0		86.6	58-145		5.17	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.92*		*"*	*10.0*		*99.2*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.79*		*"*	*10.0*		*97.9*	*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 BI00083 - EPA 3550C											
Blank (BI00083-BLK1)											
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	"								

Prepared & Analyzed: 09/02/2020

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 BI00083 - EPA 3550C											
Blank (BI00083-BLK1)											Prepared & Analyzed: 09/02/2020
Dibenzofuran	ND	0.0416	mg/kg wet								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	0.0492	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	*0.987*		"	*1.66*		*59.4*	*20-108*				
Surrogate: SURR: Phenol-d5	*0.945*		"	*1.66*		*56.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.527*		"	*0.831*		*63.5*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.511*		"	*0.831*		*61.5*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.21*		"	*1.66*		*72.8*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.612*		"	*0.831*		*73.6*	*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 BI00083 - EPA 3550C											
LCS (BI00083-BS1)							Prepared & Analyzed: 09/02/2020				
1,1-Biphenyl	0.619	0.0416	mg/kg wet	0.831		74.5	18-111				
1,2,4,5-Tetrachlorobenzene	0.659	0.0830	"	0.955		69.0	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.521	0.0416	"	0.831		62.7	17-137				
2,3,4,6-Tetrachlorophenol	0.656	0.0830	"	0.831		79.0	30-130				
2,4,5-Trichlorophenol	0.455	0.0416	"	0.831		54.8	27-118				
2,4,6-Trichlorophenol	0.577	0.0416	"	0.831		69.5	31-120				
2,4-Dichlorophenol	0.598	0.0416	"	0.831		72.0	20-127				
2,4-Dimethylphenol	0.605	0.0416	"	0.831		72.9	14-132				
2,4-Dinitrophenol	0.795	0.0830	"	0.831		95.7	10-171				
2,4-Dinitrotoluene	0.628	0.0416	"	0.831		75.6	34-131				
2,6-Dinitrotoluene	0.656	0.0416	"	0.831		79.0	31-128				
2-Chloronaphthalene	0.539	0.0416	"	0.831		64.9	31-117				
2-Chlorophenol	0.533	0.0416	"	0.831		64.2	33-113				
2-Methylnaphthalene	0.592	0.0416	"	0.831		71.3	12-138				
2-Methylphenol	0.432	0.0416	"	0.831		52.0	10-136				
2-Nitroaniline	0.607	0.0830	"	0.831		73.1	27-132				
2-Nitrophenol	0.668	0.0416	"	0.831		80.4	17-129				
3- & 4-Methylphenols	0.382	0.0416	"	0.831		46.0	29-103				
3,3-Dichlorobenzidine	0.462	0.0416	"	0.831		55.6	22-149				
3-Nitroaniline	0.518	0.0830	"	0.831		62.4	20-133				
4,6-Dinitro-2-methylphenol	0.803	0.0830	"	0.831		96.7	10-143				
4-Bromophenyl phenyl ether	0.580	0.0416	"	0.831		69.9	29-120				
4-Chloro-3-methylphenol	0.566	0.0416	"	0.831		68.2	24-129				
4-Chloroaniline	0.465	0.0416	"	0.831		56.0	10-132				
4-Chlorophenyl phenyl ether	0.564	0.0416	"	0.831		68.0	27-124				
4-Nitroaniline	0.527	0.0830	"	0.831		63.4	16-128				
4-Nitrophenol	0.502	0.0830	"	0.831		60.5	10-141				
Acenaphthene	0.588	0.0416	"	0.831		70.8	30-121				
Acenaphthylene	0.580	0.0416	"	0.831		69.8	30-115				
Acetophenone	0.546	0.0416	"	0.831		65.7	20-112				
Aniline	0.470	0.166	"	0.831		56.6	10-119				
Anthracene	0.594	0.0416	"	0.831		71.5	34-118				
Atrazine	0.580	0.0416	"	0.831		69.8	26-112				
Benzaldehyde	0.533	0.0416	"	0.831		64.2	21-100				
Benzo(a)anthracene	0.572	0.0416	"	0.831		68.8	32-122				
Benzo(a)pyrene	0.541	0.0416	"	0.831		65.1	29-133				
Benzo(b)fluoranthene	0.588	0.0416	"	0.831		70.8	25-133				
Benzo(g,h,i)perylene	0.559	0.0416	"	0.831		67.3	10-143				
Benzo(k)fluoranthene	0.572	0.0416	"	0.831		68.8	25-128				
Benzoic acid	0.470	0.0416	"	0.831		56.6	10-140				
Benzyl alcohol	0.582	0.0416	"	0.831		70.1	30-115				
Benzyl butyl phthalate	0.572	0.0416	"	0.831		68.9	26-126				
Bis(2-chloroethoxy)methane	0.536	0.0416	"	0.831		64.5	19-132				
Bis(2-chloroethyl)ether	0.505	0.0416	"	0.831		60.8	19-125				
Bis(2-chloroisopropyl)ether	0.536	0.0416	"	0.831		64.5	20-135				
Bis(2-ethylhexyl)phthalate	0.576	0.0416	"	0.831		69.3	10-155				
Caprolactam	0.523	0.0830	"	0.831		63.0	10-127				
Carbazole	0.552	0.0416	"	0.831		66.5	35-123				
Chrysene	0.581	0.0416	"	0.831		70.0	32-123				
Dibenzo(a,h)anthracene	0.564	0.0416	"	0.831		68.0	10-136				
Dibenzofuran	0.553	0.0416	"	0.831		66.6	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 BI00083 - EPA 3550C											
LCS (BI00083-BS1)								Prepared & Analyzed: 09/02/2020			
Diethyl phthalate	0.535	0.0416	mg/kg wet	0.831		64.4	34-116				
Dimethyl phthalate	0.575	0.0416	"	0.831		69.3	35-124				
Di-n-butyl phthalate	0.542	0.0416	"	0.831		65.3	31-116				
Di-n-octyl phthalate	0.597	0.0416	"	0.831		71.9	26-136				
Diphenylamine	0.694	0.0830	"	0.831		83.6	40-140				
Fluoranthene	0.577	0.0416	"	0.831		69.4	33-122				
Fluorene	0.577	0.0416	"	0.831		69.5	29-123				
Hexachlorobenzene	0.575	0.0416	"	0.831		69.2	21-124				
Hexachlorobutadiene	0.591	0.0416	"	0.831		71.1	10-149				
Hexachlorocyclopentadiene	0.541	0.0416	"	0.831		65.1	10-129				
Hexachloroethane	0.506	0.0416	"	0.831		61.0	28-108				
Indeno(1,2,3-cd)pyrene	0.572	0.0416	"	0.831		68.9	10-135				
Isophorone	0.548	0.0416	"	0.831		65.9	20-132				
Naphthalene	0.603	0.0416	"	0.831		72.6	23-124				
Nitrobenzene	0.531	0.0416	"	0.831		64.0	13-132				
N-Nitrosodimethylamine	0.463	0.0416	"	0.831		55.8	11-129				
N-nitroso-di-n-propylamine	0.480	0.0416	"	0.831		57.8	24-119				
N-Nitrosodiphenylamine	0.712	0.0416	"	0.831		85.7	22-152				
Pentachlorophenol	0.541	0.0416	"	0.831		65.1	10-139				
Phenanthrene	0.607	0.0416	"	0.831		73.1	33-123				
Phenol	0.543	0.0416	"	0.831		65.4	23-115				
Pyrene	0.608	0.0416	"	0.831		73.2	32-130				
Pyridine	0.351	0.166	"	0.831		42.2	10-91				
Surrogate: SURR: 2-Fluorophenol	*0.981*		"	*1.66*		*59.1*	*20-108*				
Surrogate: SURR: Phenol-d5	*0.975*		"	*1.66*		*58.7*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.551*		"	*0.831*		*66.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.544*		"	*0.831*		*65.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.26*		"	*1.66*		*75.8*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.627*		"	*0.831*		*75.4*	*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 BI00083 - EPA 3550C											
Matrix Spike (BI00083-MS1)	*Source sample: 20H1163-05 (Matrix Spike)							Prepared: 09/02/2020 Analyzed: 09/03/2020			
1,1-Biphenyl	0.779	0.0944	mg/kg dry	0.943	ND	82.6	10-130				
1,2,4,5-Tetrachlorobenzene	0.875	0.188	"	1.08	ND	80.7	10-133				
1,2-Diphenylhydrazine (as Azobenzene)	0.710	0.0944	"	0.943	ND	75.3	10-144				
2,3,4,6-Tetrachlorophenol	0.704	0.188	"	0.943	ND	74.6	30-130				
2,4,5-Trichlorophenol	0.663	0.0944	"	0.943	ND	70.3	10-127				
2,4,6-Trichlorophenol	0.829	0.0944	"	0.943	ND	87.9	10-132				
2,4-Dichlorophenol	0.860	0.0944	"	0.943	ND	91.2	10-128				
2,4-Dimethylphenol	0.843	0.0944	"	0.943	ND	89.4	10-137				
2,4-Dinitrophenol	ND	0.188	"	0.943	ND		10-171	Low Bias			
2,4-Dinitrotoluene	0.653	0.0944	"	0.943	ND	69.3	16-135				
2,6-Dinitrotoluene	0.727	0.0944	"	0.943	ND	77.1	18-131				
2-Chloronaphthalene	0.723	0.0944	"	0.943	ND	76.6	10-129				
2-Chlorophenol	0.738	0.0944	"	0.943	ND	78.2	15-116				
2-Methylnaphthalene	0.807	0.0944	"	0.943	ND	85.6	10-147				
2-Methylphenol	0.608	0.0944	"	0.943	ND	64.5	10-136				
2-Nitroaniline	0.878	0.188	"	0.943	ND	93.1	10-137				
2-Nitrophenol	0.642	0.0944	"	0.943	ND	68.1	10-129				
3- & 4-Methylphenols	0.551	0.0944	"	0.943	ND	58.5	10-123				
3,3-Dichlorobenzidine	0.811	0.0944	"	0.943	ND	86.0	10-155				
3-Nitroaniline	0.842	0.188	"	0.943	ND	89.3	12-133				
4,6-Dinitro-2-methylphenol	ND	0.188	"	0.943	ND		10-155	Low Bias			
4-Bromophenyl phenyl ether	0.769	0.0944	"	0.943	ND	81.6	14-128				
4-Chloro-3-methylphenol	0.763	0.0944	"	0.943	ND	80.9	10-134				
4-Chloroaniline	0.741	0.0944	"	0.943	ND	78.6	10-145				
4-Chlorophenyl phenyl ether	0.722	0.0944	"	0.943	ND	76.6	14-130				
4-Nitroaniline	0.806	0.188	"	0.943	ND	85.5	10-147				
4-Nitrophenol	0.471	0.188	"	0.943	ND	50.0	10-137				
Acenaphthene	0.785	0.0944	"	0.943	ND	83.3	10-146				
Acenaphthylene	0.783	0.0944	"	0.943	ND	83.0	10-134				
Acetophenone	0.799	0.0944	"	0.943	ND	84.7	10-116				
Aniline	0.657	0.378	"	0.943	ND	69.7	10-123				
Anthracene	0.803	0.0944	"	0.943	ND	85.1	10-142				
Atrazine	0.721	0.0944	"	0.943	ND	76.5	19-115				
Benzaldehyde	0.785	0.0944	"	0.943	ND	83.3	10-125				
Benzo(a)anthracene	0.812	0.0944	"	0.943	ND	86.1	10-158				
Benzo(a)pyrene	0.722	0.0944	"	0.943	ND	76.6	10-180				
Benzo(b)fluoranthene	0.827	0.0944	"	0.943	ND	87.8	10-200				
Benzo(g,h,i)perylene	0.766	0.0944	"	0.943	ND	81.2	10-138				
Benzo(k)fluoranthene	0.726	0.0944	"	0.943	ND	77.0	10-197				
Benzoic acid	0.0694	0.0944	"	0.943	ND	7.36	10-166	Low Bias			
Benzyl alcohol	0.789	0.0944	"	0.943	ND	83.7	12-124				
Benzyl butyl phthalate	0.790	0.0944	"	0.943	ND	83.8	10-154				
Bis(2-chloroethoxy)methane	0.775	0.0944	"	0.943	ND	82.2	10-132				
Bis(2-chloroethyl)ether	0.710	0.0944	"	0.943	ND	75.3	10-119				
Bis(2-chloroisopropyl)ether	0.825	0.0944	"	0.943	ND	87.5	10-139				
Bis(2-ethylhexyl)phthalate	0.794	0.0944	"	0.943	ND	84.2	10-167				
Caprolactam	0.701	0.188	"	0.943	ND	74.4	10-132				
Carbazole	0.777	0.0944	"	0.943	ND	82.4	10-167				
Chrysene	0.827	0.0944	"	0.943	ND	87.8	10-156				
Dibenzo(a,h)anthracene	0.792	0.0944	"	0.943	ND	84.0	10-137				
Dibenzofuran	0.720	0.0944	"	0.943	ND	76.4	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 BI00083 - EPA 3550C											
Matrix Spike (BI00083-MS1)	*Source sample: 20H1163-05 (Matrix Spike)							Prepared: 09/02/2020 Analyzed: 09/03/2020			
Diethyl phthalate	0.664	0.0944	mg/kg dry	0.943	ND	70.5	20-120				
Dimethyl phthalate	0.722	0.0944	"	0.943	ND	76.6	18-131				
Di-n-butyl phthalate	0.718	0.0944	"	0.943	ND	76.2	10-137				
Di-n-octyl phthalate	0.826	0.0944	"	0.943	ND	87.6	10-180				
Diphenylamine	0.963	0.188	"	0.943	ND	102	40-140				
Fluoranthene	0.784	0.0944	"	0.943	ND	83.1	10-160				
Fluorene	0.746	0.0944	"	0.943	ND	79.1	10-157				
Hexachlorobenzene	0.757	0.0944	"	0.943	ND	80.2	10-137				
Hexachlorobutadiene	0.834	0.0944	"	0.943	ND	88.5	10-132				
Hexachlorocyclopentadiene	0.0800	0.0944	"	0.943	ND	8.48	10-106	Low Bias			
Hexachloroethane	0.523	0.0944	"	0.943	ND	55.4	10-110				
Indeno(1,2,3-cd)pyrene	0.822	0.0944	"	0.943	ND	87.2	10-144				
Isophorone	0.753	0.0944	"	0.943	ND	79.8	10-132				
Naphthalene	0.848	0.0944	"	0.943	ND	89.9	10-141				
Nitrobenzene	0.747	0.0944	"	0.943	ND	79.3	10-131				
N-Nitrosodimethylamine	0.638	0.0944	"	0.943	ND	67.7	10-126				
N-nitroso-di-n-propylamine	0.661	0.0944	"	0.943	ND	70.1	10-125				
N-Nitrosodiphenylamine	0.944	0.0944	"	0.943	ND	100	10-177				
Pentachlorophenol	0.376	0.0944	"	0.943	ND	39.8	10-153				
Phenanthrene	0.850	0.0944	"	0.943	ND	90.2	10-148				
Phenol	0.801	0.0944	"	0.943	ND	85.0	10-126				
Pyrene	0.907	0.0944	"	0.943	ND	96.2	10-165				
Pyridine	0.527	0.378	"	0.943	ND	55.9	10-83				
Surrogate: SURR: 2-Fluorophenol	*1.43*		"	*1.89*		*75.6*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.40*		"	*1.89*		*74.3*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.778*		"	*0.943*		*82.5*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.741*		"	*0.943*		*78.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.88*		"	*1.89*		*99.8*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.972*		"	*0.943*		*103*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BI00083 - EPA 3550C

Matrix Spike Dup (BI00083-MSD1) *Source sample: 20H1163-05 (Matrix Spike Dup) Prepared: 09/02/2020 Analyzed: 09/03/2020

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.704	0.0944	mg/kg dry	0.943	ND	74.6	10-130		10.2	30	
1,2,4,5-Tetrachlorobenzene	0.870	0.188	"	1.08	ND	80.3	10-133		0.519	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.658	0.0944	"	0.943	ND	69.8	10-144		7.61	30	
2,3,4,6-Tetrachlorophenol	0.677	0.188	"	0.943	ND	71.8	30-130		3.93	30	
2,4,5-Trichlorophenol	0.618	0.0944	"	0.943	ND	65.6	10-127		6.95	30	
2,4,6-Trichlorophenol	0.731	0.0944	"	0.943	ND	77.5	10-132		12.6	30	
2,4-Dichlorophenol	0.802	0.0944	"	0.943	ND	85.0	10-128		6.99	30	
2,4-Dimethylphenol	0.778	0.0944	"	0.943	ND	82.5	10-137		8.10	30	
2,4-Dinitrophenol	ND	0.188	"	0.943	ND		10-171	Low Bias		30	
2,4-Dinitrotoluene	0.634	0.0944	"	0.943	ND	67.3	16-135		2.93	30	
2,6-Dinitrotoluene	0.695	0.0944	"	0.943	ND	73.8	18-131		4.45	30	
2-Chloronaphthalene	0.677	0.0944	"	0.943	ND	71.8	10-129		6.58	30	
2-Chlorophenol	0.691	0.0944	"	0.943	ND	73.3	15-116		6.55	30	
2-Methylnaphthalene	0.740	0.0944	"	0.943	ND	78.5	10-147		8.68	30	
2-Methylphenol	0.528	0.0944	"	0.943	ND	56.0	10-136		14.1	30	
2-Nitroaniline	0.809	0.188	"	0.943	ND	85.8	10-137		8.23	30	
2-Nitrophenol	0.547	0.0944	"	0.943	ND	58.0	10-129		16.0	30	
3- & 4-Methylphenols	0.493	0.0944	"	0.943	ND	52.3	10-123		11.1	30	
3,3-Dichlorobenzidine	0.775	0.0944	"	0.943	ND	82.2	10-155		4.47	30	
3-Nitroaniline	0.821	0.188	"	0.943	ND	87.1	12-133		2.45	30	
4,6-Dinitro-2-methylphenol	ND	0.188	"	0.943	ND		10-155	Low Bias		30	
4-Bromophenyl phenyl ether	0.763	0.0944	"	0.943	ND	81.0	14-128		0.787	30	
4-Chloro-3-methylphenol	0.726	0.0944	"	0.943	ND	77.0	10-134		4.97	30	
4-Chloroaniline	0.688	0.0944	"	0.943	ND	73.0	10-145		7.49	30	
4-Chlorophenyl phenyl ether	0.689	0.0944	"	0.943	ND	73.0	14-130		4.71	30	
4-Nitroaniline	0.809	0.188	"	0.943	ND	85.8	10-147		0.280	30	
4-Nitrophenol	0.514	0.188	"	0.943	ND	54.6	10-137		8.72	30	
Acenaphthene	0.748	0.0944	"	0.943	ND	79.4	10-146		4.82	30	
Acenaphthylene	0.731	0.0944	"	0.943	ND	77.5	10-134		6.88	30	
Acetophenone	0.693	0.0944	"	0.943	ND	73.5	10-116		14.2	30	
Aniline	0.586	0.378	"	0.943	ND	62.2	10-123		11.4	30	
Anthracene	0.750	0.0944	"	0.943	ND	79.5	10-142		6.80	30	
Atrazine	0.677	0.0944	"	0.943	ND	71.8	19-115		6.37	30	
Benzaldehyde	0.670	0.0944	"	0.943	ND	71.0	10-125		15.9	30	
Benzo(a)anthracene	0.765	0.0944	"	0.943	ND	81.1	10-158		5.93	30	
Benzo(a)pyrene	0.683	0.0944	"	0.943	ND	72.5	10-180		5.48	30	
Benzo(b)fluoranthene	0.751	0.0944	"	0.943	ND	79.7	10-200		9.65	30	
Benzo(g,h,i)perylene	0.711	0.0944	"	0.943	ND	75.4	10-138		7.46	30	
Benzo(k)fluoranthene	0.716	0.0944	"	0.943	ND	75.9	10-197		1.36	30	
Benzoic acid	ND	0.0944	"	0.943	ND		10-166	Low Bias		30	
Benzyl alcohol	0.717	0.0944	"	0.943	ND	76.1	12-124		9.51	30	
Benzyl butyl phthalate	0.736	0.0944	"	0.943	ND	78.1	10-154		7.11	30	
Bis(2-chloroethoxy)methane	0.685	0.0944	"	0.943	ND	72.6	10-132		12.3	30	
Bis(2-chloroethyl)ether	0.634	0.0944	"	0.943	ND	67.3	10-119		11.2	30	
Bis(2-chloroisopropyl)ether	0.698	0.0944	"	0.943	ND	74.1	10-139		16.6	30	
Bis(2-ethylhexyl)phthalate	0.743	0.0944	"	0.943	ND	78.8	10-167		6.67	30	
Caprolactam	0.626	0.188	"	0.943	ND	66.4	10-132		11.4	30	
Carbazole	0.723	0.0944	"	0.943	ND	76.6	10-167		7.24	30	
Chrysene	0.761	0.0944	"	0.943	ND	80.7	10-156		8.36	30	
Dibenzo(a,h)anthracene	0.732	0.0944	"	0.943	ND	77.6	10-137		7.92	30	
Dibenzofuran	0.710	0.0944	"	0.943	ND	75.3	10-147		1.48	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 BI00083 - EPA 3550C											
Matrix Spike Dup (BI00083-MSD1)	*Source sample: 20H1163-05 (Matrix Spike Dup)								Prepared: 09/02/2020 Analyzed: 09/03/2020		
Diethyl phthalate	0.652	0.0944	mg/kg dry	0.943	ND	69.2	20-120		1.83	30	
Dimethyl phthalate	0.688	0.0944	"	0.943	ND	73.0	18-131		4.82	30	
Di-n-butyl phthalate	0.672	0.0944	"	0.943	ND	71.3	10-137		6.62	30	
Di-n-octyl phthalate	0.755	0.0944	"	0.943	ND	80.1	10-180		8.97	30	
Diphenylamine	0.922	0.188	"	0.943	ND	97.8	40-140		4.32	30	
Fluoranthene	0.758	0.0944	"	0.943	ND	80.4	10-160		3.33	30	
Fluorene	0.736	0.0944	"	0.943	ND	78.1	10-157		1.32	30	
Hexachlorobenzene	0.780	0.0944	"	0.943	ND	82.7	10-137		3.04	30	
Hexachlorobutadiene	0.699	0.0944	"	0.943	ND	74.2	10-132		17.6	30	
Hexachlorocyclopentadiene	0.0754	0.0944	"	0.943	ND	8.00	10-106	Low Bias	5.83	30	
Hexachloroethane	0.446	0.0944	"	0.943	ND	47.3	10-110		15.9	30	
Indeno(1,2,3-cd)pyrene	0.785	0.0944	"	0.943	ND	83.3	10-144		4.60	30	
Isophorone	0.699	0.0944	"	0.943	ND	74.2	10-132		7.38	30	
Naphthalene	0.755	0.0944	"	0.943	ND	80.1	10-141		11.6	30	
Nitrobenzene	0.696	0.0944	"	0.943	ND	73.8	10-131		7.11	30	
N-Nitrosodimethylamine	0.559	0.0944	"	0.943	ND	59.3	10-126		13.2	30	
N-nitroso-di-n-propylamine	0.605	0.0944	"	0.943	ND	64.2	10-125		8.82	30	
N-Nitrosodiphenylamine	0.866	0.0944	"	0.943	ND	91.8	10-177		8.59	30	
Pentachlorophenol	0.352	0.0944	"	0.943	ND	37.4	10-153		6.42	30	
Phenanthrene	0.813	0.0944	"	0.943	ND	86.2	10-148		4.44	30	
Phenol	0.718	0.0944	"	0.943	ND	76.2	10-126		10.9	30	
Pyrene	0.833	0.0944	"	0.943	ND	88.4	10-165		8.49	30	
Pyridine	0.469	0.378	"	0.943	ND	49.8	10-83		11.7	30	
Surrogate: SURR: 2-Fluorophenol	*1.25*		"	*1.89*		*66.3*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.26*		"	*1.89*		*67.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.678*		"	*0.943*		*71.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.690*		"	*0.943*		*73.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.64*		"	*1.89*		*87.0*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.846*		"	*0.943*		*89.7*	*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 BI00004 - EPA 3550C											
Blank (BI00004-BLK1)											Prepared: 09/01/2020 Analyzed: 09/02/2020
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	"								
Chlordane, total	ND	0.0329	"								
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	0.00822	"								
Toxaphene	ND	0.0832	"								
Surrogate: Decachlorobiphenyl	*0.0713*		*"*	*0.0664*		*107*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0490*		*"*	*0.0664*		*73.7*	*30-150*				
LCS (BI00004-BS1)											Prepared: 09/01/2020 Analyzed: 09/02/2020
4,4'-DDD	0.0288	0.00164	mg/kg wet	0.0332		86.7	40-140				
4,4'-DDE	0.0159	0.00164	"	0.0332		47.9	40-140				
4,4'-DDT	0.0227	0.00164	"	0.0332		68.2	40-140				
Aldrin	0.0242	0.00164	"	0.0332		72.9	40-140				
alpha-BHC	0.0231	0.00164	"	0.0332		69.6	40-140				
alpha-Chlordane	0.0243	0.00164	"	0.0332		73.2	40-140				
beta-BHC	0.0227	0.00164	"	0.0332		68.3	40-140				
delta-BHC	0.0238	0.00164	"	0.0332		71.5	40-140				
Dieldrin	0.0285	0.00164	"	0.0332		85.7	40-140				
Endosulfan I	0.0287	0.00164	"	0.0332		86.5	40-140				
Endosulfan II	0.0268	0.00164	"	0.0332		80.8	40-140				
Endosulfan sulfate	0.0267	0.00164	"	0.0332		80.2	40-140				
Endrin	0.0224	0.00164	"	0.0332		67.3	40-140				
Endrin aldehyde	0.0265	0.00164	"	0.0332		79.8	40-140				
Endrin ketone	0.0300	0.00164	"	0.0332		90.4	40-140				
gamma-BHC (Lindane)	0.0256	0.00164	"	0.0332		77.1	40-140				
gamma-Chlordane	0.0241	0.00164	"	0.0332		72.6	40-140				
Heptachlor	0.0265	0.00164	"	0.0332		79.7	40-140				
Heptachlor epoxide	0.0225	0.00164	"	0.0332		67.8	40-140				
Methoxychlor	0.0312	0.00822	"	0.0332		93.8	40-140				
Surrogate: Decachlorobiphenyl	*0.0645*		*"*	*0.0664*		*97.1*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0426*		*"*	*0.0664*		*64.1*	*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 BH01690 - EPA 3050B											
Blank (BH01690-BLK1)											
Prepared: 08/31/2020 Analyzed: 09/01/2020											
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	0.652	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	1.00	"								
Potassium	15.4	5.00	"								
Selenium	5.65	2.50	"								
Silver	ND	0.500	"								
Sodium	52.4	50.0	"								
Thallium	ND	2.50	"								
Vanadium	ND	1.00	"								
Zinc	ND	2.50	"								
Duplicate (BH01690-DUP1)	*Source sample: 20H1163-08 (Duplicate)										
Prepared: 08/31/2020 Analyzed: 09/01/2020											
Aluminum	2920	5.89	mg/kg dry		5960				68.5	35	Non-dir.
Antimony	ND	2.95	"		ND					35	
Arsenic	2.20	1.77	"		4.29				64.3	35	Non-dir.
Barium	36.3	2.95	"		72.7				66.8	35	Non-dir.
Beryllium	ND	0.059	"		ND					35	
Cadmium	ND	0.354	"		ND					35	
Calcium	812	5.89	"		2080				87.5	35	Non-dir.
Chromium	6.79	0.589	"		14.2				70.6	35	Non-dir.
Cobalt	2.45	0.471	"		5.19				71.5	35	Non-dir.
Copper	27.0	2.36	"		49.6				58.9	35	Non-dir.
Iron	6290	29.5	"		13400				72.1	35	Non-dir.
Lead	137	0.589	"		253				59.5	35	Non-dir.
Magnesium	803	5.89	"		1540				62.9	35	Non-dir.
Manganese	67.2	0.589	"		153				77.7	35	Non-dir.
Nickel	6.21	1.18	"		12.7				68.3	35	Non-dir.
Potassium	405	5.89	"		803				66.0	35	Non-dir.
Selenium	ND	2.95	"		ND					35	
Silver	ND	0.589	"		ND					35	
Sodium	97.1	58.9	"		153				44.9	35	Non-dir.
Thallium	ND	2.95	"		ND					35	
Vanadium	11.2	1.18	"		23.9				71.9	35	Non-dir.
Zinc	71.4	2.95	"		128				57.0	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 BH01690 - EPA 3050B											
Matrix Spike (BH01690-MS1)	*Source sample: 20H1163-08 (Matrix Spike)								Prepared: 08/31/2020 Analyzed: 09/01/2020		
Aluminum	5980	5.89	mg/kg dry	236	5960	7.75	75-125	Low Bias			
Antimony	8.41	2.95	"	29.5	ND	28.5	75-125	Low Bias			
Arsenic	176	1.77	"	236	4.29	72.7	75-125	Low Bias			
Barium	256	2.95	"	236	72.7	77.7	75-125				
Beryllium	3.51	0.059	"	5.89	ND	59.6	75-125	Low Bias			
Cadmium	4.37	0.354	"	5.89	ND	74.1	75-125	Low Bias			
Calcium	2120	5.89	"	118	2080	39.8	75-125	Low Bias			
Chromium	32.8	0.589	"	23.6	14.2	78.8	75-125				
Cobalt	50.2	0.471	"	58.9	5.19	76.4	75-125				
Copper	59.1	2.36	"	29.5	49.6	32.0	75-125	Low Bias			
Iron	12700	29.5	"	118	13400	NR	75-125	Low Bias			
Lead	199	0.589	"	58.9	253	NR	75-125	Low Bias			
Magnesium	1650	5.89	"	118	1540	95.9	75-125				
Manganese	161	0.589	"	58.9	153	14.7	75-125	Low Bias			
Nickel	61.3	1.18	"	58.9	12.7	82.6	75-125				
Potassium	822	5.89	"	118	803	16.2	75-125	Low Bias			
Selenium	162	2.95	"	236	ND	68.8	75-125	Low Bias			
Silver	4.44	0.589	"	5.89	ND	75.4	75-125				
Sodium	267	58.9	"	118	153	96.0	75-125				
Thallium	171	2.95	"	236	ND	72.4	75-125	Low Bias			
Vanadium	65.9	1.18	"	58.9	23.9	71.3	75-125	Low Bias			
Zinc	170	2.95	"	58.9	128	70.8	75-125	Low Bias			
Post Spike (BH01690-PS1)	*Source sample: 20H1163-08 (Post Spike)								Prepared: 08/31/2020 Analyzed: 09/01/2020		
Aluminum	57.7		ug/mL	2.00	50.6	358	75-125	High Bias			
Antimony	0.189		"	0.250	-0.004	75.5	75-125				
Arsenic	1.69		"	2.00	0.036	82.6	75-125				
Barium	2.51		"	2.00	0.617	94.6	75-125				
Beryllium	0.032		"	0.0500	-0.008	64.2	75-125	Low Bias			
Cadmium	0.042		"	0.0500	0.0007	82.6	75-125				
Calcium	20.3		"	1.00	17.6	271	75-125	High Bias			
Chromium	0.304		"	0.200	0.121	91.9	75-125				
Cobalt	0.475		"	0.500	0.044	86.2	75-125				
Copper	0.702		"	0.250	0.421	112	75-125				
Iron	126		"	1.00	114	NR	75-125	High Bias			
Lead	2.83		"	0.500	2.15	136	75-125	High Bias			
Magnesium	15.4		"	1.00	13.1	233	75-125	High Bias			
Manganese	1.85		"	0.500	1.29	112	75-125				
Nickel	0.551		"	0.500	0.107	88.8	75-125				
Potassium	8.58		"	1.00	6.81	176	75-125	High Bias			
Selenium	1.54		"	2.00	-0.041	77.2	75-125				
Silver	0.043		"	0.0500	-0.0003	86.0	75-125				
Sodium	2.58		"	1.00	1.30	128	75-125	High Bias			
Thallium	1.62		"	2.00	-0.012	80.8	75-125				
Vanadium	0.630		"	0.500	0.203	85.5	75-125				
Zinc	1.63		"	0.500	1.09	109	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 BH01690 - EPA 3050B											
Reference (BH01690-SRM1)											
Prepared: 08/31/2020 Analyzed: 09/01/2020											
Aluminum	6640	5.00	mg/kg wet	8460		78.4	50.5-150.1				
Antimony	48.7	2.50	"	120		40.6	19-251.7				
Arsenic	79.5	1.50	"	95.5		83.3	70.1-129.8				
Barium	253	2.50	"	300		84.3	75-125				
Beryllium	84.4	0.050	"	103		81.9	75-125.2				
Cadmium	115	0.300	"	135		85.2	74.8-125.2				
Calcium	3760	5.00	"	4720		79.6	72.7-127.5				
Chromium	115	0.500	"	147		78.3	70.1-129.9				
Cobalt	35.3	0.400	"	43.2		81.7	75-125				
Copper	120	2.00	"	150		79.8	75.3-125.3				
Iron	10500	25.0	"	14400		73.3	35.8-164.6				
Lead	71.3	0.500	"	92.3		77.2	70-130				
Magnesium	1930	5.00	"	2300		84.0	61.7-137.8				
Manganese	548	0.500	"	677		80.9	78.1-122				
Nickel	50.2	1.00	"	59.8		84.0	70.1-130.1				
Potassium	1570	5.00	"	2030		77.4	59.1-140.9				
Selenium	30.9	2.50	"	42.0		73.6	55.7-144.5				
Silver	33.0	0.500	"	40.3		81.8	69.2-130.8				
Sodium	162	50.0	"	139		116	36.1-163.3				
Thallium	65.6	2.50	"	83.1		79.0	65.3-146.8				
Vanadium	72.0	1.00	"	96.9		74.3	67-133.1				
Zinc	288	2.50	"	369		78.1	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 BI00105 - EPA 7473 soil											
Blank (BI00105-BLK1)								Prepared & Analyzed: 09/02/2020			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BI00105-DUP1)	*Source sample: 20H1063-01 (Duplicate)							Prepared & Analyzed: 09/02/2020			
Mercury	0.0849	0.0305	mg/kg dry		0.0690				20.6	35	
Matrix Spike (BI00105-MS1)	*Source sample: 20H1063-01 (Matrix Spike)							Prepared & Analyzed: 09/02/2020			
Mercury	0.622		mg/kg	0.500	0.0679	111	75-125				
Reference (BI00105-SRM1)								Prepared & Analyzed: 09/02/2020			
Mercury	3.2296		mg/kg	3.71		87.1	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 BH01660 - EPA SW846-3060											
Blank (BH01660-BLK1)								Prepared: 08/29/2020 Analyzed: 08/30/2020			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BH01660-DUP1)	*Source sample: 20H1165-01 (Duplicate)							Prepared: 08/29/2020 Analyzed: 08/30/2020			
Chromium, Hexavalent	ND	0.951	mg/kg dry		ND					35	
Matrix Spike (BH01660-MS1)	*Source sample: 20H1165-01 (Matrix Spike)							Prepared: 08/29/2020 Analyzed: 08/30/2020			
Chromium, Hexavalent	30.1	0.951	mg/kg dry	38.0	ND	79.2	75-125				
Reference (BH01660-SRM1)								Prepared: 08/29/2020 Analyzed: 08/30/2020			
Chromium, Hexavalent	138		mg/L	92.5		149	25.95-196.76				
Batch BH01665 - Analysis Preparation Soil											
Blank (BH01665-BLK1)								Prepared & Analyzed: 08/30/2020			
Cyanide, total	ND	0.500	mg/kg wet								
Duplicate (BH01665-DUP1)	*Source sample: 20H1165-01 (Duplicate)							Prepared & Analyzed: 08/30/2020			
Cyanide, total	ND	0.951	mg/kg dry		ND					15	
Matrix Spike (BH01665-MS1)	*Source sample: 20H1165-01 (Matrix Spike)							Prepared & Analyzed: 08/30/2020			
Cyanide, total	15.5	0.951	mg/kg dry	1.90	ND	815	79.6-107	High Bias			
Reference (BH01665-SRM1)								Prepared & Analyzed: 08/30/2020			
Cyanide, total	91.0		ug/mL	96.2		94.6	42.41-156.96				

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 BH01671 - % Solids Prep											
Duplicate (BH01671-DUP1)	*Source sample: 20H1162-02 (EP25_EL56)								Prepared: 08/30/2020 Analyzed: 08/31/2020		
% Solids	91.4	0.100	%		93.0				1.74	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20H1162-01	EP23_EL56	40mL Vial with Stir Bar-Cool 4° C
20H1162-02	EP25_EL56	40mL Vial with Stir Bar-Cool 4° C
20H1162-03	TB05_082820	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

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-MBLk	Analyte was detected in the batch method blank above the Reporting Limit.
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.

Revision Description: This report has been revised to update client sample identification with depth interval.

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. 20H1162

YOUR Information

Company: LANGAN, DPC
Address:
Phone No.
Contact Person: KIM SEMON
E-Mail Address: KSEMON@LANGAN.COM

Report To:

Company:
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:

Company:
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

170384501

Purchase Order No.

Samples from: CT ___ NY ✓ NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☒ VOC ONLY
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type

- Summary Report
- Summary w/ QA Summary
- CT RCP Package
- CTRCP DQA/DUE Pkg
- NY ASP A Package ✓
- NY ASP B Package
- NJDEP Red. Deliv.

Electronic Data Deliverables (EDD)

- Simple Excel
- NYSDEC EQuIS
- EQuIS (std)
- EZ-EDD (EQuIS)
- NJDEP SRP HazSite EDD
- GIS/KEY (std)
- Other
- **York Regulatory Comparison**
- **Excel Spreadsheet**

Compare to the following Regs. (please fill in):

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

Samples Collected/Authorized By (Signature)

Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	**Indiv. Metals**	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
EP23_e156	8/28/20 14:30	S	TCL/TAL PART 375 VOCs, SVOCs, METALS, PESTICIDES, TCN, HEXCHROM	4x VOA 1x8oz 1L
EP25_e156	14:40	S		
TB05_082820		AQ	TCL/TAL PART 375 VOCs	2x VOA

Comments
24 hour TAT VOCs
STANDARD TAT OTHER

Preservation Check those Applicable
Special Instructions
Field Filtered ☐
Lab to Filter ☐

4°C ___ Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other ___

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
Brad Kautz	5/26/20	Tom A	8/28/20 1620
Tom A / Tom S	8/28/20	T Gale	8/28/2020 1948
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time

Recieved - Rel/Tom 8/28/2020 1743 Rel - Rel/Tom 8/28/20 1948

Temperature on Receipt 3.0 °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: 12/02/2021
Client Project ID: 170384501
York Project (SDG) No.: 20I0174

Revision No. **1.0**

Report Date: 12/02/2021
Client Project ID: 170384501
York Project (SDG) No.: 20I0174

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 September 03, 2020 and listed below. The project was identified as your project: **170384501**.

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
20I0174-01	EP19_EL56	Soil	09/03/2020	09/03/2020
20I0174-02	EP26_EL56	Soil	09/03/2020	09/03/2020
20I0174-03	TB01_090320	Water	09/03/2020	09/03/2020

General Notes for York Project (SDG) No.: 20I0174

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: 12/02/2021

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: EP19_EL56 **York Sample ID:** 20I0174-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0174	170384501	Soil	September 3, 2020 8:00 am	09/03/2020

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	09/03/2020 09:59	09/03/2020 18:37	TMP
								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	09/03/2020 09:59	09/03/2020 18:37	TMP
								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	09/03/2020 09:59	09/03/2020 18:37	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	0.0023	0.0045	1	EPA 8260C	09/03/2020 09:59	09/03/2020 18:37	TMP
								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	09/03/2020 09:59	09/03/2020 18:37	TMP
								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	09/03/2020 09:59	09/03/2020 18:37	TMP
								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	09/03/2020 09:59	09/03/2020 18:37	TMP
								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	09/03/2020 09:59	09/03/2020 18:37	TMP
								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	09/03/2020 09:59	09/03/2020 18:37	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2020 09:59	09/03/2020 18:37	TMP
								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	09/03/2020 09:59	09/03/2020 18:37	TMP
								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	09/03/2020 09:59	09/03/2020 18:37	TMP
								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	09/03/2020 09:59	09/03/2020 18:37	TMP
								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	09/03/2020 09:59	09/03/2020 18:37	TMP
								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	09/03/2020 09:59	09/03/2020 18:37	TMP
								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	09/03/2020 09:59	09/03/2020 18:37	TMP
								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	09/03/2020 09:59	09/03/2020 18:37	TMP
								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	09/03/2020 09:59	09/03/2020 18:37	TMP
								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	09/03/2020 09:59	09/03/2020 18:37	TMP
								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	09/03/2020 09:59	09/03/2020 18:37	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2020 09:59	09/03/2020 18:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP19_EL56 **York Sample ID:** 20I0174-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0174	170384501	Soil	September 3, 2020 8:00 am	09/03/2020

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	09/03/2020 09:59	09/03/2020 18:37	TMP
								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	09/03/2020 09:59	09/03/2020 18:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.0063**	CCV-E, ICV-E, J	mg/kg dry	0.0045	0.0091	1	EPA 8260C	09/03/2020 09:59	09/03/2020 18:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0045	0.0091	1	EPA 8260C	09/03/2020 09:59	09/03/2020 18:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2020 09:59	09/03/2020 18:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2020 09:59	09/03/2020 18:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2020 09:59	09/03/2020 18:37	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2020 09:59	09/03/2020 18:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2020 09:59	09/03/2020 18:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2020 09:59	09/03/2020 18:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2020 09:59	09/03/2020 18:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2020 09:59	09/03/2020 18:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2020 09:59	09/03/2020 18:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2020 09:59	09/03/2020 18:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2020 09:59	09/03/2020 18:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2020 09:59	09/03/2020 18:37	TMP
								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	09/03/2020 09:59	09/03/2020 18:37	TMP
								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	09/03/2020 09:59	09/03/2020 18:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2020 09:59	09/03/2020 18:37	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2020 09:59	09/03/2020 18:37	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2020 09:59	09/03/2020 18:37	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP19_EL56 **York Sample ID:** 20I0174-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0174	170384501	Soil	September 3, 2020 8:00 am	09/03/2020

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	0.0023	0.0045	1	EPA 8260C	09/03/2020 09:59	09/03/2020 18:37	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2020 09:59	09/03/2020 18:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2020 09:59	09/03/2020 18:37	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2020 09:59	09/03/2020 18:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2020 09:59	09/03/2020 18:37	TMP
								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	09/03/2020 09:59	09/03/2020 18:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2020 09:59	09/03/2020 18:37	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0045	0.0091	1	EPA 8260C	09/03/2020 09:59	09/03/2020 18:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2020 09:59	09/03/2020 18:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2020 09:59	09/03/2020 18:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2020 09:59	09/03/2020 18:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0045	0.0091	1	EPA 8260C	09/03/2020 09:59	09/03/2020 18:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2020 09:59	09/03/2020 18:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2020 09:59	09/03/2020 18:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2020 09:59	09/03/2020 18:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2020 09:59	09/03/2020 18:37	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2020 09:59	09/03/2020 18:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2020 09:59	09/03/2020 18:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2020 09:59	09/03/2020 18:37	TMP
								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	09/03/2020 09:59	09/03/2020 18:37	TMP
								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	09/03/2020 09:59	09/03/2020 18:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2020 09:59	09/03/2020 18:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP19_EL56 **York Sample ID:** 20I0174-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0174	170384501	Soil	September 3, 2020 8:00 am	09/03/2020

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	0.0023	0.0045	1	EPA 8260C	09/03/2020 09:59	09/03/2020 18:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	09/03/2020 09:59	09/03/2020 18:37	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0068	0.014	1	EPA 8260C	09/03/2020 09:59	09/03/2020 18:37	TMP
								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*	*98.7 %*	*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	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP19_EL56 **York Sample ID:** 20I0174-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0174	170384501	Soil	September 3, 2020 8:00 am	09/03/2020

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	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.176	0.353	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.0901**		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.176	0.353	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: EP19_EL56 **York Sample ID:** 20I0174-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0174	170384501	Soil	September 3, 2020 8:00 am	09/03/2020

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**	**0.192**		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**0.168**		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.130**		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.0880**	J	mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.149**		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.182**		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	**Dimethyl phthalate**	**0.0514**	J, B	mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP19_EL56 **York Sample ID:** 20I0174-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0174	170384501	Soil	September 3, 2020 8:00 am	09/03/2020

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**	**0.391**		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.103**		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.409**		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.370**		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.176	0.353	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*52.2 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*53.3 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*57.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*55.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*64.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*67.2 %*	*24-116*

Sample Information

Client Sample ID: **EP19_EL56** **York Sample ID:** **20I0174-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0174	170384501	Soil	September 3, 2020 8:00 am	09/03/2020

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	09/04/2020 07:09	09/05/2020 00:02	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00175	5	EPA 8081B	09/04/2020 07:09	09/05/2020 00:02	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00175	5	EPA 8081B	09/04/2020 07:09	09/05/2020 00:02	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00175	5	EPA 8081B	09/04/2020 07:09	09/05/2020 00:02	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	09/04/2020 07:09	09/05/2020 00:02	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B	09/04/2020 07:09	09/05/2020 00:02	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	09/04/2020 07:09	09/05/2020 00:02	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	Chlordane, total	ND		mg/kg dry	0.0351	5	EPA 8081B	09/04/2020 07:09	09/05/2020 00:02	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	09/04/2020 07:09	09/05/2020 00:02	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00175	5	EPA 8081B	09/04/2020 07:09	09/05/2020 00:02	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00175	5	EPA 8081B	09/04/2020 07:09	09/05/2020 00:02	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00175	5	EPA 8081B	09/04/2020 07:09	09/05/2020 00:02	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00175	5	EPA 8081B	09/04/2020 07:09	09/05/2020 00:02	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00175	5	EPA 8081B	09/04/2020 07:09	09/05/2020 00:02	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00175	5	EPA 8081B	09/04/2020 07:09	09/05/2020 00:02	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00175	5	EPA 8081B	09/04/2020 07:09	09/05/2020 00:02	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00175	5	EPA 8081B	09/04/2020 07:09	09/05/2020 00:02	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B	09/04/2020 07:09	09/05/2020 00:02	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00175	5	EPA 8081B	09/04/2020 07:09	09/05/2020 00:02	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00175	5	EPA 8081B	09/04/2020 07:09	09/05/2020 00:02	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00877	5	EPA 8081B	09/04/2020 07:09	09/05/2020 00:02	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP19_EL56 **York Sample ID:** 20I0174-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0174	170384501	Soil	September 3, 2020 8:00 am	09/03/2020

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
8001-35-2	Toxaphene	ND		mg/kg dry	0.0888	5	EPA 8081B	09/04/2020 07:09	09/05/2020 00:02	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*113 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*83.8 %*	*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**	**9070**		mg/kg dry	5.33	1	EPA 6010D	09/04/2020 09:12	09/04/2020 15:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.67	1	EPA 6010D	09/04/2020 09:12	09/04/2020 15:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**2.19**		mg/kg dry	1.60	1	EPA 6010D	09/04/2020 09:12	09/04/2020 15:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**59.4**		mg/kg dry	2.67	1	EPA 6010D	09/04/2020 09:12	09/04/2020 15:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.053	1	EPA 6010D	09/04/2020 09:12	09/04/2020 15:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.320	1	EPA 6010D	09/04/2020 09:12	09/04/2020 15:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**3240**		mg/kg dry	5.33	1	EPA 6010D	09/04/2020 09:12	09/04/2020 15:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**21.7**		mg/kg dry	0.533	1	EPA 6010D	09/04/2020 09:12	09/04/2020 15:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**9.78**		mg/kg dry	0.427	1	EPA 6010D	09/04/2020 09:12	09/04/2020 15:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**25.6**		mg/kg dry	2.13	1	EPA 6010D	09/04/2020 09:12	09/04/2020 15:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**16300**		mg/kg dry	26.7	1	EPA 6010D	09/04/2020 09:12	09/04/2020 15:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**50.9**		mg/kg dry	0.533	1	EPA 6010D	09/04/2020 09:12	09/04/2020 15:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3380**	B	mg/kg dry	5.33	1	EPA 6010D	09/04/2020 09:12	09/04/2020 15:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**389**		mg/kg dry	0.533	1	EPA 6010D	09/04/2020 09:12	09/04/2020 15:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**38.1**		mg/kg dry	1.07	1	EPA 6010D	09/04/2020 09:12	09/04/2020 15:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1340**	B	mg/kg dry	5.33	1	EPA 6010D	09/04/2020 09:12	09/04/2020 15:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP19_EL56 **York Sample ID:** 20I0174-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0174	170384501	Soil	September 3, 2020 8:00 am	09/03/2020

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
7782-49-2	Selenium	ND		mg/kg dry	2.67	1	EPA 6010D	09/04/2020 09:12	09/04/2020 15:45	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.533	1	EPA 6010D	09/04/2020 09:12	09/04/2020 15:45	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**195**		mg/kg dry	53.3	1	EPA 6010D	09/04/2020 09:12	09/04/2020 15:45	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.67	1	EPA 6010D	09/04/2020 09:12	09/04/2020 15:45	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**30.2**		mg/kg dry	1.07	1	EPA 6010D	09/04/2020 09:12	09/04/2020 15:45	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**52.3**		mg/kg dry	2.67	1	EPA 6010D	09/04/2020 09:12	09/04/2020 15:45	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**	**0.299**		mg/kg dry	0.0320	1	EPA 7473	09/04/2020 10:46	09/04/2020 14:38	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	0.533	1	EPA 7196A	09/09/2020 14:29	09/10/2020 16:50	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**	**21.7**		mg/kg	0.500	1	Calculation	09/11/2020 12:43	09/11/2020 12:45	PAM
							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	0.533	1	EPA 9014/9010C	09/09/2020 08:58	09/09/2020 16:41	JAG
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

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

Sample Information

Client Sample ID: **EP19_EL56** **York Sample ID:** **20I0174-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0174	170384501	Soil	September 3, 2020 8:00 am	09/03/2020

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	93.8		%	0.100	1	SM 2540G	09/04/2020 07:58	09/04/2020 13:43	SK
							Certifications: CTDOH			

Sample Information

Client Sample ID: EP26_EL56 **York Sample ID:** 20I0174-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0174	170384501	Soil	September 3, 2020 9:00 am	09/03/2020

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	09/03/2020 09:59	09/03/2020 19:03	TMP
								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	09/03/2020 09:59	09/03/2020 19:03	TMP
								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	09/03/2020 09:59	09/03/2020 19:03	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	0.0023	0.0046	1	EPA 8260C	09/03/2020 09:59	09/03/2020 19:03	TMP
								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	09/03/2020 09:59	09/03/2020 19:03	TMP
								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	09/03/2020 09:59	09/03/2020 19:03	TMP
								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	09/03/2020 09:59	09/03/2020 19:03	TMP
								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	09/03/2020 09:59	09/03/2020 19:03	TMP
								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	09/03/2020 09:59	09/03/2020 19:03	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2020 09:59	09/03/2020 19:03	TMP
								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	09/03/2020 09:59	09/03/2020 19:03	TMP
								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	09/03/2020 09:59	09/03/2020 19:03	TMP
								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	09/03/2020 09:59	09/03/2020 19:03	TMP
								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	09/03/2020 09:59	09/03/2020 19:03	TMP
								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	09/03/2020 09:59	09/03/2020 19:03	TMP
								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	09/03/2020 09:59	09/03/2020 19:03	TMP
								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	09/03/2020 09:59	09/03/2020 19:03	TMP
								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	09/03/2020 09:59	09/03/2020 19:03	TMP
								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	09/03/2020 09:59	09/03/2020 19:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.046	0.093	1	EPA 8260C	09/03/2020 09:59	09/03/2020 19:03	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2020 09:59	09/03/2020 19:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP26_EL56 **York Sample ID:** 20I0174-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0174	170384501	Soil	September 3, 2020 9:00 am	09/03/2020

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	09/03/2020 09:59	09/03/2020 19:03	TMP
								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	09/03/2020 09:59	09/03/2020 19:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.0057**	CCV-E, ICV-E, J	mg/kg dry	0.0046	0.0093	1	EPA 8260C	09/03/2020 09:59	09/03/2020 19:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	09/03/2020 09:59	09/03/2020 19:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2020 09:59	09/03/2020 19:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2020 09:59	09/03/2020 19:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2020 09:59	09/03/2020 19:03	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2020 09:59	09/03/2020 19:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2020 09:59	09/03/2020 19:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2020 09:59	09/03/2020 19:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2020 09:59	09/03/2020 19:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2020 09:59	09/03/2020 19:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2020 09:59	09/03/2020 19:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2020 09:59	09/03/2020 19:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2020 09:59	09/03/2020 19:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2020 09:59	09/03/2020 19:03	TMP
								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	09/03/2020 09:59	09/03/2020 19:03	TMP
								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	09/03/2020 09:59	09/03/2020 19:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2020 09:59	09/03/2020 19:03	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2020 09:59	09/03/2020 19:03	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2020 09:59	09/03/2020 19:03	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP26_EL56 **York Sample ID:** 20I0174-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0174	170384501	Soil	September 3, 2020 9:00 am	09/03/2020

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	0.0023	0.0046	1	EPA 8260C	09/03/2020 09:59	09/03/2020 19:03	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2020 09:59	09/03/2020 19:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2020 09:59	09/03/2020 19:03	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2020 09:59	09/03/2020 19:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2020 09:59	09/03/2020 19:03	TMP
								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	09/03/2020 09:59	09/03/2020 19:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2020 09:59	09/03/2020 19:03	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	09/03/2020 09:59	09/03/2020 19:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2020 09:59	09/03/2020 19:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2020 09:59	09/03/2020 19:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2020 09:59	09/03/2020 19:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	09/03/2020 09:59	09/03/2020 19:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2020 09:59	09/03/2020 19:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2020 09:59	09/03/2020 19:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2020 09:59	09/03/2020 19:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2020 09:59	09/03/2020 19:03	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2020 09:59	09/03/2020 19:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2020 09:59	09/03/2020 19:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2020 09:59	09/03/2020 19:03	TMP
								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	09/03/2020 09:59	09/03/2020 19:03	TMP
								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	09/03/2020 09:59	09/03/2020 19:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2020 09:59	09/03/2020 19:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP26_EL56 **York Sample ID:** 20I0174-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0174	170384501	Soil	September 3, 2020 9:00 am	09/03/2020

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	0.0023	0.0046	1	EPA 8260C	09/03/2020 09:59	09/03/2020 19:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/03/2020 09:59	09/03/2020 19:03	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0069	0.014	1	EPA 8260C	09/03/2020 09:59	09/03/2020 19:03	TMP
								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*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*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	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0883	0.176	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0883	0.176	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0883	0.176	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP26_EL56 **York Sample ID:** 20I0174-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0174	170384501	Soil	September 3, 2020 9:00 am	09/03/2020

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	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0883	0.176	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0883	0.176	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0883	0.176	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0883	0.176	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0883	0.176	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.177	0.354	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.177	0.354	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: EP26_EL56 **York Sample ID:** 20I0174-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0174	170384501	Soil	September 3, 2020 9:00 am	09/03/2020

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	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0883	0.176	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0883	0.176	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP26_EL56 **York Sample ID:** 20I0174-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0174	170384501	Soil	September 3, 2020 9:00 am	09/03/2020

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	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.177	0.354	2	EPA 8270D	09/04/2020 07:02	09/08/2020 11:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*43.1 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*46.3 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*53.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*50.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*46.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*72.0 %*	*24-116*

Sample Information

Client Sample ID: **EP26_EL56** **York Sample ID:** **20I0174-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0174	170384501	Soil	September 3, 2020 9:00 am	09/03/2020

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	0.00176	5	EPA 8081B	09/04/2020 07:09	09/05/2020 00:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00176	5	EPA 8081B	09/04/2020 07:09	09/05/2020 00:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00176	5	EPA 8081B	09/04/2020 07:09	09/05/2020 00:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	09/04/2020 07:09	09/05/2020 00:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	09/04/2020 07:09	09/05/2020 00:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	09/04/2020 07:09	09/05/2020 00:19	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	09/04/2020 07:09	09/05/2020 00:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	Chlordane, total	ND		mg/kg dry	0.0352	5	EPA 8081B	09/04/2020 07:09	09/05/2020 00:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	09/04/2020 07:09	09/05/2020 00:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	09/04/2020 07:09	09/05/2020 00:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00176	5	EPA 8081B	09/04/2020 07:09	09/05/2020 00:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00176	5	EPA 8081B	09/04/2020 07:09	09/05/2020 00:19	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00176	5	EPA 8081B	09/04/2020 07:09	09/05/2020 00:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00176	5	EPA 8081B	09/04/2020 07:09	09/05/2020 00:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00176	5	EPA 8081B	09/04/2020 07:09	09/05/2020 00:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00176	5	EPA 8081B	09/04/2020 07:09	09/05/2020 00:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00176	5	EPA 8081B	09/04/2020 07:09	09/05/2020 00:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	09/04/2020 07:09	09/05/2020 00:19	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00176	5	EPA 8081B	09/04/2020 07:09	09/05/2020 00:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00176	5	EPA 8081B	09/04/2020 07:09	09/05/2020 00:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00879	5	EPA 8081B	09/04/2020 07:09	09/05/2020 00:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP26_EL56 **York Sample ID:** 20I0174-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0174	170384501	Soil	September 3, 2020 9:00 am	09/03/2020

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
8001-35-2	Toxaphene	ND		mg/kg dry	0.0890	5	EPA 8081B	09/04/2020 07:09	09/05/2020 00:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*116 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.2 %*	*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**	**11500**		mg/kg dry	5.35	1	EPA 6010D	09/04/2020 09:12	09/04/2020 15:48	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.67	1	EPA 6010D	09/04/2020 09:12	09/04/2020 15:48	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.60	1	EPA 6010D	09/04/2020 09:12	09/04/2020 15:48	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**53.1**		mg/kg dry	2.67	1	EPA 6010D	09/04/2020 09:12	09/04/2020 15:48	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.053	1	EPA 6010D	09/04/2020 09:12	09/04/2020 15:48	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.321	1	EPA 6010D	09/04/2020 09:12	09/04/2020 15:48	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1510**		mg/kg dry	5.35	1	EPA 6010D	09/04/2020 09:12	09/04/2020 15:48	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**27.4**		mg/kg dry	0.535	1	EPA 6010D	09/04/2020 09:12	09/04/2020 15:48	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**10.7**		mg/kg dry	0.428	1	EPA 6010D	09/04/2020 09:12	09/04/2020 15:48	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**23.9**		mg/kg dry	2.14	1	EPA 6010D	09/04/2020 09:12	09/04/2020 15:48	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**19300**		mg/kg dry	26.7	1	EPA 6010D	09/04/2020 09:12	09/04/2020 15:48	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**10.5**		mg/kg dry	0.535	1	EPA 6010D	09/04/2020 09:12	09/04/2020 15:48	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3530**	B	mg/kg dry	5.35	1	EPA 6010D	09/04/2020 09:12	09/04/2020 15:48	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**407**		mg/kg dry	0.535	1	EPA 6010D	09/04/2020 09:12	09/04/2020 15:48	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**36.9**		mg/kg dry	1.07	1	EPA 6010D	09/04/2020 09:12	09/04/2020 15:48	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1280**	B	mg/kg dry	5.35	1	EPA 6010D	09/04/2020 09:12	09/04/2020 15:48	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP26_EL56 **York Sample ID:** 20I0174-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0174	170384501	Soil	September 3, 2020 9:00 am	09/03/2020

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
7782-49-2	Selenium	ND		mg/kg dry	2.67	1	EPA 6010D	09/04/2020 09:12	09/04/2020 15:48	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.535	1	EPA 6010D	09/04/2020 09:12	09/04/2020 15:48	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**157**		mg/kg dry	53.5	1	EPA 6010D	09/04/2020 09:12	09/04/2020 15:48	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.67	1	EPA 6010D	09/04/2020 09:12	09/04/2020 15:48	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**32.8**		mg/kg dry	1.07	1	EPA 6010D	09/04/2020 09:12	09/04/2020 15:48	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**40.1**		mg/kg dry	2.67	1	EPA 6010D	09/04/2020 09:12	09/04/2020 15:48	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	0.0321	1	EPA 7473	09/04/2020 10:46	09/04/2020 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	0.535	1	EPA 7196A	09/09/2020 14:29	09/10/2020 16:50	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**	**27.4**		mg/kg	0.500	1	Calculation	09/11/2020 12:43	09/11/2020 12:45	PAM
							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	09/09/2020 08:58	09/09/2020 16:41	JAG
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

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

Sample Information

Client Sample ID: EP26_EL56 **York Sample ID:** 20I0174-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0174	170384501	Soil	September 3, 2020 9:00 am	09/03/2020

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	09/04/2020 07:58	09/04/2020 13:43	SK
							Certifications: CTDOH			

Sample Information

Client Sample ID: TB01_090320 **York Sample ID:** 20I0174-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0174	170384501	Water	September 3, 2020 10:00 am	09/03/2020

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	09/03/2020 10:54	09/03/2020 15:36	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	09/03/2020 10:54	09/03/2020 15:36	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	09/03/2020 10:54	09/03/2020 15:36	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	09/03/2020 10:54	09/03/2020 15:36	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	09/03/2020 10:54	09/03/2020 15:36	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	09/03/2020 10:54	09/03/2020 15:36	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	09/03/2020 10:54	09/03/2020 15:36	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	09/03/2020 10:54	09/03/2020 15:36	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	09/03/2020 10:54	09/03/2020 15:36	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	09/03/2020 10:54	09/03/2020 15:36	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	09/03/2020 10:54	09/03/2020 15:36	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	09/03/2020 10:54	09/03/2020 15:36	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	09/03/2020 10:54	09/03/2020 15:36	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	09/03/2020 10:54	09/03/2020 15:36	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	09/03/2020 10:54	09/03/2020 15:36	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	09/03/2020 10:54	09/03/2020 15:36	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	09/03/2020 10:54	09/03/2020 15:36	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	09/03/2020 10:54	09/03/2020 15:36	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	09/03/2020 10:54	09/03/2020 15:36	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	09/03/2020 10:54	09/03/2020 15:36	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	09/03/2020 10:54	09/03/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB01_090320 **York Sample ID:** 20I0174-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0174	170384501	Water	September 3, 2020 10:00 am	09/03/2020

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	09/03/2020 10:54	09/03/2020 15:36	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	09/03/2020 10:54	09/03/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	09/03/2020 10:54	09/03/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	09/03/2020 10:54	09/03/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	09/03/2020 10:54	09/03/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/03/2020 10:54	09/03/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/03/2020 10:54	09/03/2020 15:36	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/03/2020 10:54	09/03/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	09/03/2020 10:54	09/03/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/03/2020 10:54	09/03/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	09/03/2020 10:54	09/03/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	09/03/2020 10:54	09/03/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/03/2020 10:54	09/03/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/03/2020 10:54	09/03/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	**Chloroform**	**0.330**		ug/L	0.200	0.500	1	EPA 8260C	09/03/2020 10:54	09/03/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/03/2020 10:54	09/03/2020 15:36	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	09/03/2020 10:54	09/03/2020 15:36	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	09/03/2020 10:54	09/03/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/03/2020 10:54	09/03/2020 15:36	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/03/2020 10:54	09/03/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/03/2020 10:54	09/03/2020 15:36	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/03/2020 10:54	09/03/2020 15:36	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB01_090320 **York Sample ID:** 20I0174-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0174	170384501	Water	September 3, 2020 10:00 am	09/03/2020

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	09/03/2020 10:54	09/03/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/03/2020 10:54	09/03/2020 15:36	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/03/2020 10:54	09/03/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	09/03/2020 10:54	09/03/2020 15:36	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	09/03/2020 10:54	09/03/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/03/2020 10:54	09/03/2020 15:36	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	09/03/2020 10:54	09/03/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/03/2020 10:54	09/03/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/03/2020 10:54	09/03/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/03/2020 10:54	09/03/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	09/03/2020 10:54	09/03/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/03/2020 10:54	09/03/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/03/2020 10:54	09/03/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/03/2020 10:54	09/03/2020 15:36	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	09/03/2020 10:54	09/03/2020 15:36	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/03/2020 10:54	09/03/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/03/2020 10:54	09/03/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/03/2020 10:54	09/03/2020 15:36	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	09/03/2020 10:54	09/03/2020 15:36	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	09/03/2020 10:54	09/03/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/03/2020 10:54	09/03/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/03/2020 10:54	09/03/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB01_090320 **York Sample ID:** 20I0174-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0174	170384501	Water	September 3, 2020 10:00 am	09/03/2020

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	09/03/2020 10:54	09/03/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	09/03/2020 10:54	09/03/2020 15:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*112 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*	*79-122*

Analytical Batch Summary

Batch ID: BI00143 **Preparation Method:** EPA 5035A **Prepared By:** TMP

YORK Sample ID	Client Sample ID	Preparation Date
20I0174-01	EP19_EL56	09/03/20
20I0174-02	EP26_EL56	09/03/20
BI00143-BLK1	Blank	09/02/20
BI00143-BLK2	Blank	09/02/20
BI00143-BLK3	Blank	09/02/20
BI00143-BLK4	Blank	09/02/20
BI00143-BS1	LCS	09/02/20
BI00143-BSD1	LCS Dup	09/02/20

Batch ID: BI00251 **Preparation Method:** EPA 3550C **Prepared By:** JV

YORK Sample ID	Client Sample ID	Preparation Date
20I0174-01	EP19_EL56	09/04/20
20I0174-02	EP26_EL56	09/04/20
BI00251-BLK1	Blank	09/04/20
BI00251-BS1	LCS	09/04/20
BI00251-MS1	Matrix Spike	09/04/20
BI00251-MSD1	Matrix Spike Dup	09/04/20

Batch ID: BI00252 **Preparation Method:** EPA 3550C **Prepared By:** TSS

YORK Sample ID	Client Sample ID	Preparation Date
20I0174-01	EP19_EL56	09/04/20
20I0174-02	EP26_EL56	09/04/20
BI00252-BLK1	Blank	09/04/20
BI00252-BS1	LCS	09/04/20

Batch ID: BI00258 **Preparation Method:** % Solids Prep **Prepared By:** WJM

YORK Sample ID	Client Sample ID	Preparation Date
20I0174-01	EP19_EL56	09/04/20
20I0174-02	EP26_EL56	09/04/20
BI00258-DUP1	Duplicate	09/04/20

Batch ID: BI00273 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20I0174-01	EP19_EL56	09/04/20
20I0174-02	EP26_EL56	09/04/20
BI00273-BLK1	Blank	09/04/20
BI00273-DUP1	Duplicate	09/04/20
BI00273-MS1	Matrix Spike	09/04/20
BI00273-PS1	Post Spike	09/04/20

BI00273-SRM1	Reference	09/04/20

Batch ID: BI00278 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20I0174-01	EP19_EL56	09/04/20
20I0174-02	EP26_EL56	09/04/20
BI00278-BLK1	Blank	09/04/20
BI00278-DUP1	Duplicate	09/04/20
BI00278-MS1	Matrix Spike	09/04/20
BI00278-SRM1	Reference	09/04/20

Batch ID: BI00313 **Preparation Method:** EPA 5030B **Prepared By:** TMP

YORK Sample ID	Client Sample ID	Preparation Date
20I0174-03	TB01_090320	09/03/20
BI00313-BLK1	Blank	09/03/20
BI00313-BS1	LCS	09/03/20
BI00313-BSD1	LCS Dup	09/03/20

Batch ID: BI00417 **Preparation Method:** Analysis Preparation Soil **Prepared By:** JAG

YORK Sample ID	Client Sample ID	Preparation Date
20I0174-01	EP19_EL56	09/09/20
20I0174-02	EP26_EL56	09/09/20
BI00417-BLK1	Blank	09/09/20
BI00417-DUP1	Duplicate	09/09/20
BI00417-MS1	Matrix Spike	09/09/20
BI00417-SRM1	Reference	09/09/20

Batch ID: BI00448 **Preparation Method:** EPA SW846-3060 **Prepared By:** MAO

YORK Sample ID	Client Sample ID	Preparation Date
20I0174-01	EP19_EL56	09/09/20
20I0174-02	EP26_EL56	09/09/20
BI00448-BLK1	Blank	09/09/20
BI00448-DUP1	Duplicate	09/09/20
BI00448-MS1	Matrix Spike	09/09/20
BI00448-SRM1	Reference	09/09/20

Batch ID: BI00605 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
20I0174-01	EP19_EL56	09/11/20
20I0174-02	EP26_EL56	09/11/20

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 BI00143 - EPA 5035A											
Blank (BI00143-BLK1)											
Prepared: 09/02/2020 Analyzed: 09/03/2020											
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 BI00143 - EPA 5035A											
Blank (BI00143-BLK1)											Prepared: 09/02/2020 Analyzed: 09/03/2020
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	*43.8*		*ug/L*	*50.0*		*87.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.8*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.8*		*"*	*50.0*		*106*	*76-130*				
Blank (BI00143-BLK2)											Prepared: 09/02/2020 Analyzed: 09/03/2020
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 BI00143 - EPA 5035A											
Blank (BI00143-BLK2)											
Prepared: 09/02/2020 Analyzed: 09/03/2020											
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	*48.0*		*ug/L*	*50.0*		*96.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.4*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.9*		*"*	*50.0*		*104*	*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 BI00143 - EPA 5035A											
Blank (BI00143-BLK3)											
Prepared: 09/02/2020 Analyzed: 09/03/2020											
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 BI00143 - EPA 5035A											
Blank (BI00143-BLK3)											Prepared: 09/02/2020 Analyzed: 09/03/2020
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	*50.1*		*ug/L*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.0*		*"*	*50.0*		*100*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.4*		*"*	*50.0*		*105*	*76-130*				
Blank (BI00143-BLK4)											Prepared: 09/02/2020 Analyzed: 09/03/2020
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	"								

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 BI00143 - EPA 5035A											
Blank (BI00143-BLK4)											
Prepared: 09/02/2020 Analyzed: 09/03/2020											
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	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	*49.8*		*ug/L*	*50.0*		*99.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.6*		*"*	*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 BI00143 - EPA 5035A											
LCS (BI00143-BS1)								Prepared: 09/02/2020 Analyzed: 09/03/2020			
1,1,1,2-Tetrachloroethane	35.8		ug/L	50.0		71.6	75-129	Low Bias			
1,1,1-Trichloroethane	46.0		"	50.0		91.9	71-137				
1,1,2,2-Tetrachloroethane	44.5		"	50.0		89.0	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	55.3		"	50.0		111	58-146				
1,1,2-Trichloroethane	44.2		"	50.0		88.4	83-123				
1,1-Dichloroethane	43.9		"	50.0		87.8	75-130				
1,1-Dichloroethylene	47.8		"	50.0		95.5	64-137				
1,2,3-Trichlorobenzene	47.0		"	50.0		94.1	81-140				
1,2,3-Trichloropropane	43.9		"	50.0		87.9	81-126				
1,2,4-Trichlorobenzene	45.2		"	50.0		90.4	80-141				
1,2,4-Trimethylbenzene	40.7		"	50.0		81.5	84-125	Low Bias			
1,2-Dibromo-3-chloropropane	44.1		"	50.0		88.1	74-142				
1,2-Dibromoethane	44.6		"	50.0		89.2	86-123				
1,2-Dichlorobenzene	43.5		"	50.0		87.0	85-122				
1,2-Dichloroethane	45.4		"	50.0		90.7	71-133				
1,2-Dichloropropane	41.8		"	50.0		83.6	81-122				
1,3,5-Trimethylbenzene	41.9		"	50.0		83.8	82-126				
1,3-Dichlorobenzene	42.4		"	50.0		84.8	84-124				
1,4-Dichlorobenzene	42.4		"	50.0		84.7	84-124				
1,4-Dioxane	1090		"	1050		103	10-228				
2-Butanone	52.9		"	50.0		106	58-147				
2-Hexanone	47.3		"	50.0		94.6	70-139				
4-Methyl-2-pentanone	47.8		"	50.0		95.6	72-132				
Acetone	35.4		"	50.0		70.8	36-155				
Acrolein	26.4		"	50.0		52.7	10-238				
Acrylonitrile	48.7		"	50.0		97.4	66-141				
Benzene	46.5		"	50.0		93.0	77-127				
Bromochloromethane	44.4		"	50.0		88.8	74-129				
Bromodichloromethane	43.0		"	50.0		85.9	81-124				
Bromoform	34.3		"	50.0		68.6	80-136	Low Bias			
Bromomethane	61.9		"	50.0		124	32-177				
Carbon disulfide	46.2		"	50.0		92.4	10-136				
Carbon tetrachloride	48.4		"	50.0		96.8	66-143				
Chlorobenzene	44.2		"	50.0		88.3	86-120				
Chloroethane	64.0		"	50.0		128	51-142				
Chloroform	46.3		"	50.0		92.6	76-131				
Chloromethane	60.9		"	50.0		122	49-132				
cis-1,2-Dichloroethylene	43.8		"	50.0		87.5	74-132				
cis-1,3-Dichloropropylene	43.0		"	50.0		85.9	81-129				
Cyclohexane	44.1		"	50.0		88.2	70-130				
Dibromochloromethane	45.5		"	50.0		91.0	10-200				
Dibromomethane	44.0		"	50.0		87.9	83-124				
Dichlorodifluoromethane	65.2		"	50.0		130	28-158				
Ethyl Benzene	42.7		"	50.0		85.3	84-125				
Hexachlorobutadiene	45.3		"	50.0		90.6	83-133				
Isopropylbenzene	40.8		"	50.0		81.7	81-127				
Methyl acetate	40.8		"	50.0		81.7	41-143				
Methyl tert-butyl ether (MTBE)	46.1		"	50.0		92.2	74-131				
Methylcyclohexane	43.3		"	50.0		86.6	70-130				
Methylene chloride	47.3		"	50.0		94.7	57-141				
n-Butylbenzene	42.4		"	50.0		84.8	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 BI00143 - EPA 5035A											
LCS (BI00143-BS1)								Prepared: 09/02/2020 Analyzed: 09/03/2020			
n-Propylbenzene	41.1		ug/L	50.0		82.3	74-136				
o-Xylene	42.3		"	50.0		84.6	83-123				
p- & m- Xylenes	85.8		"	100		85.8	82-128				
p-Isopropyltoluene	42.6		"	50.0		85.2	85-125				
sec-Butylbenzene	44.8		"	50.0		89.7	83-125				
Styrene	44.5		"	50.0		88.9	86-126				
tert-Butyl alcohol (TBA)	236		"	250		94.5	70-130				
tert-Butylbenzene	41.3		"	50.0		82.6	80-127				
Tetrachloroethylene	41.1		"	50.0		82.3	80-129				
Toluene	43.3		"	50.0		86.6	85-121				
trans-1,2-Dichloroethylene	45.9		"	50.0		91.7	72-132				
trans-1,3-Dichloropropylene	41.7		"	50.0		83.4	78-132				
Trichloroethylene	44.4		"	50.0		88.8	84-123				
Trichlorofluoromethane	50.0		"	50.0		99.9	62-140				
Vinyl Chloride	61.3		"	50.0		123	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.5*		*"*	*50.0*		*98.9*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.2*		*"*	*50.0*		*98.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.2*		*"*	*50.0*		*96.3*	*76-130*				
LCS Dup (BI00143-BSD1)								Prepared: 09/02/2020 Analyzed: 09/03/2020			
1,1,1,2-Tetrachloroethane	38.4		ug/L	50.0		76.8	75-129		7.03	30	
1,1,1-Trichloroethane	48.4		"	50.0		96.9	71-137		5.23	30	
1,1,2,2-Tetrachloroethane	48.9		"	50.0		97.9	79-129		9.53	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	58.7		"	50.0		117	58-146		6.03	30	
1,1,2-Trichloroethane	48.2		"	50.0		96.4	83-123		8.64	30	
1,1-Dichloroethane	46.1		"	50.0		92.2	75-130		4.82	30	
1,1-Dichloroethylene	50.7		"	50.0		101	64-137		5.91	30	
1,2,3-Trichlorobenzene	50.3		"	50.0		101	81-140		6.60	30	
1,2,3-Trichloropropane	46.9		"	50.0		93.9	81-126		6.58	30	
1,2,4-Trichlorobenzene	47.3		"	50.0		94.6	80-141		4.54	30	
1,2,4-Trimethylbenzene	44.1		"	50.0		88.3	84-125		8.01	30	
1,2-Dibromo-3-chloropropane	47.7		"	50.0		95.3	74-142		7.83	30	
1,2-Dibromoethane	48.2		"	50.0		96.4	86-123		7.82	30	
1,2-Dichlorobenzene	46.9		"	50.0		93.8	85-122		7.52	30	
1,2-Dichloroethane	46.9		"	50.0		93.9	71-133		3.45	30	
1,2-Dichloropropane	44.4		"	50.0		88.9	81-122		6.14	30	
1,3,5-Trimethylbenzene	45.5		"	50.0		91.1	82-126		8.33	30	
1,3-Dichlorobenzene	45.6		"	50.0		91.2	84-124		7.34	30	
1,4-Dichlorobenzene	45.2		"	50.0		90.4	84-124		6.55	30	
1,4-Dioxane	1120		"	1050		107	10-228		3.43	30	
2-Butanone	61.1		"	50.0		122	58-147		14.5	30	
2-Hexanone	51.5		"	50.0		103	70-139		8.62	30	
4-Methyl-2-pentanone	53.1		"	50.0		106	72-132		10.5	30	
Acetone	39.2		"	50.0		78.4	36-155		10.1	30	
Acrolein	20.2		"	50.0		40.5	10-238		26.2	30	
Acrylonitrile	52.9		"	50.0		106	66-141		8.27	30	
Benzene	49.5		"	50.0		99.0	77-127		6.31	30	
Bromochloromethane	47.6		"	50.0		95.3	74-129		7.11	30	
Bromodichloromethane	46.8		"	50.0		93.6	81-124		8.56	30	
Bromoform	38.1		"	50.0		76.2	80-136	Low Bias	10.5	30	
Bromomethane	63.4		"	50.0		127	32-177		2.44	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 BI00143 - EPA 5035A											
LCS Dup (BI00143-BSD1)									Prepared: 09/02/2020 Analyzed: 09/03/2020		
Carbon disulfide	48.8		ug/L	50.0		97.5	10-136		5.44	30	
Carbon tetrachloride	52.3		"	50.0		105	66-143		7.75	30	
Chlorobenzene	47.3		"	50.0		94.7	86-120		6.97	30	
Chloroethane	66.8		"	50.0		134	51-142		4.16	30	
Chloroform	48.4		"	50.0		96.7	76-131		4.40	30	
Chloromethane	64.6		"	50.0		129	49-132		5.89	30	
cis-1,2-Dichloroethylene	46.6		"	50.0		93.2	74-132		6.31	30	
cis-1,3-Dichloropropylene	45.6		"	50.0		91.2	81-129		5.99	30	
Cyclohexane	48.0		"	50.0		96.0	70-130		8.47	30	
Dibromochloromethane	50.7		"	50.0		101	10-200		10.7	30	
Dibromomethane	46.1		"	50.0		92.2	83-124		4.71	30	
Dichlorodifluoromethane	70.5		"	50.0		141	28-158		7.68	30	
Ethyl Benzene	46.1		"	50.0		92.1	84-125		7.66	30	
Hexachlorobutadiene	49.3		"	50.0		98.6	83-133		8.52	30	
Isopropylbenzene	44.6		"	50.0		89.1	81-127		8.67	30	
Methyl acetate	45.7		"	50.0		91.4	41-143		11.2	30	
Methyl tert-butyl ether (MTBE)	49.5		"	50.0		99.0	74-131		7.13	30	
Methylcyclohexane	46.3		"	50.0		92.6	70-130		6.76	30	
Methylene chloride	50.1		"	50.0		100	57-141		5.75	30	
n-Butylbenzene	45.9		"	50.0		91.8	80-130		7.84	30	
n-Propylbenzene	44.0		"	50.0		88.0	74-136		6.74	30	
o-Xylene	45.2		"	50.0		90.4	83-123		6.67	30	
p- & m- Xylenes	92.4		"	100		92.4	82-128		7.41	30	
p-Isopropyltoluene	46.3		"	50.0		92.5	85-125		8.24	30	
sec-Butylbenzene	48.4		"	50.0		96.9	83-125		7.68	30	
Styrene	47.4		"	50.0		94.8	86-126		6.42	30	
tert-Butyl alcohol (TBA)	250		"	250		99.9	70-130		5.57	30	
tert-Butylbenzene	45.4		"	50.0		90.7	80-127		9.35	30	
Tetrachloroethylene	44.4		"	50.0		88.8	80-129		7.69	30	
Toluene	47.0		"	50.0		93.9	85-121		8.07	30	
trans-1,2-Dichloroethylene	48.4		"	50.0		96.7	72-132		5.26	30	
trans-1,3-Dichloropropylene	45.6		"	50.0		91.2	78-132		8.95	30	
Trichloroethylene	47.8		"	50.0		95.6	84-123		7.37	30	
Trichlorofluoromethane	53.7		"	50.0		107	62-140		7.24	30	
Vinyl Chloride	66.2		"	50.0		132	52-130	High Bias	7.67	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.3*		*"*	*50.0*		*98.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.8*		*"*	*50.0*		*99.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.3*		*"*	*50.0*		*96.6*	*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 BI00313 - EPA 5030B											
Blank (BI00313-BLK1)											
Prepared & Analyzed: 09/03/2020											
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 BI00313 - EPA 5030B											
Blank (BI00313-BLK1)								Prepared & Analyzed: 09/03/2020			
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	*11.4*		*"*	*10.0*		*114*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.90*		*"*	*10.0*		*99.0*	*79-122*				
LCS (BI00313-BS1)								Prepared & Analyzed: 09/03/2020			
1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	82-126				
1,1,1-Trichloroethane	10.9		"	10.0		109	78-136				
1,1,2,2-Tetrachloroethane	9.07		"	10.0		90.7	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0		"	10.0		100	54-165				
1,1,2-Trichloroethane	8.88		"	10.0		88.8	82-123				
1,1-Dichloroethane	9.39		"	10.0		93.9	82-129				
1,1-Dichloroethylene	10.3		"	10.0		103	68-138				
1,2,3-Trichlorobenzene	9.18		"	10.0		91.8	76-136				
1,2,3-Trichloropropane	10.1		"	10.0		101	77-128				
1,2,4-Trichlorobenzene	9.80		"	10.0		98.0	76-137				
1,2,4-Trimethylbenzene	11.8		"	10.0		118	82-132				
1,2-Dibromo-3-chloropropane	10.1		"	10.0		101	45-147				
1,2-Dibromoethane	8.89		"	10.0		88.9	83-124				
1,2-Dichlorobenzene	11.0		"	10.0		110	79-123				
1,2-Dichloroethane	9.94		"	10.0		99.4	73-132				
1,2-Dichloropropane	9.35		"	10.0		93.5	78-126				
1,3,5-Trimethylbenzene	11.9		"	10.0		119	80-131				
1,3-Dichlorobenzene	10.8		"	10.0		108	86-122				
1,4-Dichlorobenzene	11.0		"	10.0		110	85-124				
1,4-Dioxane	196		"	210		93.2	10-349				
2-Butanone	8.40		"	10.0		84.0	49-152				
2-Hexanone	8.44		"	10.0		84.4	51-146				
4-Methyl-2-pentanone	8.14		"	10.0		81.4	57-145				
Acetone	9.18		"	10.0		91.8	14-150				
Acrolein	6.48		"	10.0		64.8	10-153				
Acrylonitrile	7.44		"	10.0		74.4	51-150				
Benzene	9.53		"	10.0		95.3	85-126				
Bromochloromethane	8.94		"	10.0		89.4	77-128				
Bromodichloromethane	10.0		"	10.0		100	79-128				
Bromoform	8.77		"	10.0		87.7	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 BI00313 - EPA 5030B											
LCS (BI00313-BS1)								Prepared & Analyzed: 09/03/2020			
Bromomethane	6.82		ug/L	10.0		68.2	43-168				
Carbon disulfide	9.11		"	10.0		91.1	68-146				
Carbon tetrachloride	10.9		"	10.0		109	77-141				
Chlorobenzene	10.3		"	10.0		103	88-120				
Chloroethane	10.7		"	10.0		107	65-136				
Chloroform	9.97		"	10.0		99.7	82-128				
Chloromethane	9.29		"	10.0		92.9	43-155				
cis-1,2-Dichloroethylene	10.2		"	10.0		102	83-129				
cis-1,3-Dichloropropylene	9.53		"	10.0		95.3	80-131				
Cyclohexane	10.3		"	10.0		103	63-149				
Dibromochloromethane	9.23		"	10.0		92.3	80-130				
Dibromomethane	8.92		"	10.0		89.2	72-134				
Dichlorodifluoromethane	11.4		"	10.0		114	44-144				
Ethyl Benzene	10.9		"	10.0		109	80-131				
Hexachlorobutadiene	11.1		"	10.0		111	67-146				
Isopropylbenzene	11.6		"	10.0		116	76-140				
Methyl acetate	7.96		"	10.0		79.6	51-139				
Methyl tert-butyl ether (MTBE)	7.90		"	10.0		79.0	76-135				
Methylcyclohexane	10.3		"	10.0		103	72-143				
Methylene chloride	9.46		"	10.0		94.6	55-137				
n-Butylbenzene	12.1		"	10.0		121	79-132				
n-Propylbenzene	11.7		"	10.0		117	78-133				
o-Xylene	10.8		"	10.0		108	78-130				
p- & m- Xylenes	22.2		"	20.0		111	77-133				
p-Isopropyltoluene	11.9		"	10.0		119	81-136				
sec-Butylbenzene	12.5		"	10.0		125	79-137				
Styrene	10.8		"	10.0		108	67-132				
tert-Butyl alcohol (TBA)	29.4		"	50.0		58.7	25-162				
tert-Butylbenzene	10.3		"	10.0		103	77-138				
Tetrachloroethylene	11.1		"	10.0		111	82-131				
Toluene	10.2		"	10.0		102	80-127				
trans-1,2-Dichloroethylene	10.2		"	10.0		102	80-132				
trans-1,3-Dichloropropylene	9.40		"	10.0		94.0	78-131				
Trichloroethylene	10.7		"	10.0		107	82-128				
Trichlorofluoromethane	11.5		"	10.0		115	67-139				
Vinyl Chloride	9.61		"	10.0		96.1	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.80*		*"*	*10.0*		*98.0*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BI00313 - EPA 5030B

LCS Dup (BI00313-BSD1) Prepared & Analyzed: 09/03/2020

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	82-126		1.96	30	
1,1,1-Trichloroethane	10.5		"	10.0		105	78-136		3.46	30	
1,1,2,2-Tetrachloroethane	9.60		"	10.0		96.0	76-129		5.68	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.35		"	10.0		93.5	54-165		7.12	30	
1,1,2-Trichloroethane	9.59		"	10.0		95.9	82-123		7.69	30	
1,1-Dichloroethane	9.37		"	10.0		93.7	82-129		0.213	30	
1,1-Dichloroethylene	9.62		"	10.0		96.2	68-138		6.73	30	
1,2,3-Trichlorobenzene	9.31		"	10.0		93.1	76-136		1.41	30	
1,2,3-Trichloropropane	10.5		"	10.0		105	77-128		3.97	30	
1,2,4-Trichlorobenzene	9.79		"	10.0		97.9	76-137		0.102	30	
1,2,4-Trimethylbenzene	10.3		"	10.0		103	82-132		13.2	30	
1,2-Dibromo-3-chloropropane	9.78		"	10.0		97.8	45-147		3.12	30	
1,2-Dibromoethane	9.81		"	10.0		98.1	83-124		9.84	30	
1,2-Dichlorobenzene	10.1		"	10.0		101	79-123		7.98	30	
1,2-Dichloroethane	11.1		"	10.0		111	73-132		11.1	30	
1,2-Dichloropropane	9.07		"	10.0		90.7	78-126		3.04	30	
1,3,5-Trimethylbenzene	10.2		"	10.0		102	80-131		15.1	30	
1,3-Dichlorobenzene	9.97		"	10.0		99.7	86-122		7.81	30	
1,4-Dichlorobenzene	9.94		"	10.0		99.4	85-124		9.67	30	
1,4-Dioxane	196		"	210		93.3	10-349		0.148	30	
2-Butanone	10.3		"	10.0		103	49-152		20.1	30	
2-Hexanone	10.6		"	10.0		106	51-146		23.0	30	
4-Methyl-2-pentanone	10.3		"	10.0		103	57-145		23.0	30	
Acetone	10.5		"	10.0		105	14-150		13.5	30	
Acrolein	7.24		"	10.0		72.4	10-153		11.1	30	
Acrylonitrile	9.22		"	10.0		92.2	51-150		21.4	30	
Benzene	9.35		"	10.0		93.5	85-126		1.91	30	
Bromochloromethane	9.63		"	10.0		96.3	77-128		7.43	30	
Bromodichloromethane	10.0		"	10.0		100	79-128		0.199	30	
Bromoform	9.63		"	10.0		96.3	78-133		9.35	30	
Bromomethane	6.19		"	10.0		61.9	43-168		9.68	30	
Carbon disulfide	8.51		"	10.0		85.1	68-146		6.81	30	
Carbon tetrachloride	10.6		"	10.0		106	77-141		2.69	30	
Chlorobenzene	9.82		"	10.0		98.2	88-120		4.58	30	
Chloroethane	10.0		"	10.0		100	65-136		5.99	30	
Chloroform	10.1		"	10.0		101	82-128		1.69	30	
Chloromethane	8.69		"	10.0		86.9	43-155		6.67	30	
cis-1,2-Dichloroethylene	10.2		"	10.0		102	83-129		0.295	30	
cis-1,3-Dichloropropylene	9.71		"	10.0		97.1	80-131		1.87	30	
Cyclohexane	9.83		"	10.0		98.3	63-149		4.77	30	
Dibromochloromethane	10.1		"	10.0		101	80-130		9.20	30	
Dibromomethane	9.69		"	10.0		96.9	72-134		8.28	30	
Dichlorodifluoromethane	10.6		"	10.0		106	44-144		7.47	30	
Ethyl Benzene	10.2		"	10.0		102	80-131		7.20	30	
Hexachlorobutadiene	9.92		"	10.0		99.2	67-146		10.9	30	
Isopropylbenzene	9.61		"	10.0		96.1	76-140		18.6	30	
Methyl acetate	9.33		"	10.0		93.3	51-139		15.8	30	
Methyl tert-butyl ether (MTBE)	9.84		"	10.0		98.4	76-135		21.9	30	
Methylcyclohexane	8.98		"	10.0		89.8	72-143		13.5	30	
Methylene chloride	9.74		"	10.0		97.4	55-137		2.92	30	
n-Butylbenzene	10.0		"	10.0		100	79-132		18.6	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 BI00313 - EPA 5030B											
LCS Dup (BI00313-BSD1)								Prepared & Analyzed: 09/03/2020			
n-Propylbenzene	9.67		ug/L	10.0		96.7	78-133		18.7	30	
o-Xylene	10.2		"	10.0		102	78-130		5.91	30	
p- & m- Xylenes	20.6		"	20.0		103	77-133		7.45	30	
p-Isopropyltoluene	10.2		"	10.0		102	81-136		16.1	30	
sec-Butylbenzene	10.2		"	10.0		102	79-137		19.9	30	
Styrene	10.5		"	10.0		105	67-132		3.01	30	
tert-Butyl alcohol (TBA)	41.0		"	50.0		82.0	25-162		33.0	30	Non-dir.
tert-Butylbenzene	8.62		"	10.0		86.2	77-138		17.5	30	
Tetrachloroethylene	9.83		"	10.0		98.3	82-131		11.8	30	
Toluene	9.37		"	10.0		93.7	80-127		8.48	30	
trans-1,2-Dichloroethylene	9.71		"	10.0		97.1	80-132		5.22	30	
trans-1,3-Dichloropropylene	9.91		"	10.0		99.1	78-131		5.28	30	
Trichloroethylene	9.51		"	10.0		95.1	82-128		11.4	30	
Trichlorofluoromethane	10.7		"	10.0		107	67-139		7.49	30	
Vinyl Chloride	9.04		"	10.0		90.4	58-145		6.11	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.5*		*"*	*10.0*		*115*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.98*		*"*	*10.0*		*99.8*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.79*		*"*	*10.0*		*97.9*	*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 BI00251 - EPA 3550C											
Blank (BI00251-BLK1)											
Prepared: 09/04/2020 Analyzed: 09/08/2020											
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 BI00251 - EPA 3550C											
Blank (BI00251-BLK1)											
Prepared: 09/04/2020 Analyzed: 09/08/2020											
Dibenzofuran	ND	0.0416	mg/kg wet								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	0.0362	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	*1.12*		"	*1.66*		*67.2*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.07*		"	*1.66*		*64.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.585*		"	*0.831*		*70.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.565*		"	*0.831*		*68.1*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.24*		"	*1.66*		*74.8*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.661*		"	*0.831*		*79.6*	*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 BI00251 - EPA 3550C											
LCS (BI00251-BS1)									Prepared: 09/04/2020 Analyzed: 09/08/2020		
1,1-Biphenyl	0.607	0.0416	mg/kg wet	0.831		73.0	18-111				
1,2,4,5-Tetrachlorobenzene	0.692	0.0830	"	0.955		72.4	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.873	0.0416	"	0.831		105	17-137				
2,3,4,6-Tetrachlorophenol	0.532	0.0830	"	0.831		64.0	30-130				
2,4,5-Trichlorophenol	0.462	0.0416	"	0.831		55.6	27-118				
2,4,6-Trichlorophenol	0.576	0.0416	"	0.831		69.4	31-120				
2,4-Dichlorophenol	0.575	0.0416	"	0.831		69.2	20-127				
2,4-Dimethylphenol	0.678	0.0416	"	0.831		81.7	14-132				
2,4-Dinitrophenol	0.217	0.0830	"	0.831		26.1	10-171				
2,4-Dinitrotoluene	0.568	0.0416	"	0.831		68.4	34-131				
2,6-Dinitrotoluene	0.628	0.0416	"	0.831		75.6	31-128				
2-Chloronaphthalene	0.553	0.0416	"	0.831		66.6	31-117				
2-Chlorophenol	0.518	0.0416	"	0.831		62.3	33-113				
2-Methylnaphthalene	0.970	0.0416	"	0.831		117	12-138				
2-Methylphenol	0.503	0.0416	"	0.831		60.6	10-136				
2-Nitroaniline	0.599	0.0830	"	0.831		72.1	27-132				
2-Nitrophenol	0.692	0.0416	"	0.831		83.4	17-129				
3- & 4-Methylphenols	0.383	0.0416	"	0.831		46.2	29-103				
3,3-Dichlorobenzidine	0.505	0.0416	"	0.831		60.8	22-149				
3-Nitroaniline	0.570	0.0830	"	0.831		68.7	20-133				
4,6-Dinitro-2-methylphenol	0.866	0.0830	"	0.831		104	10-143				
4-Bromophenyl phenyl ether	0.785	0.0416	"	0.831		94.6	29-120				
4-Chloro-3-methylphenol	0.747	0.0416	"	0.831		90.0	24-129				
4-Chloroaniline	0.484	0.0416	"	0.831		58.3	10-132				
4-Chlorophenyl phenyl ether	0.556	0.0416	"	0.831		66.9	27-124				
4-Nitroaniline	0.557	0.0830	"	0.831		67.0	16-128				
4-Nitrophenol	0.422	0.0830	"	0.831		50.8	10-141				
Acenaphthene	0.612	0.0416	"	0.831		73.6	30-121				
Acenaphthylene	0.587	0.0416	"	0.831		70.6	30-115				
Acetophenone	0.490	0.0416	"	0.831		59.0	20-112				
Aniline	0.478	0.166	"	0.831		57.6	10-119				
Anthracene	0.542	0.0416	"	0.831		65.2	34-118				
Atrazine	0.713	0.0416	"	0.831		85.8	26-112				
Benzaldehyde	0.567	0.0416	"	0.831		68.3	21-100				
Benzo(a)anthracene	0.621	0.0416	"	0.831		74.8	32-122				
Benzo(a)pyrene	0.587	0.0416	"	0.831		70.7	29-133				
Benzo(b)fluoranthene	0.624	0.0416	"	0.831		75.2	25-133				
Benzo(g,h,i)perylene	0.620	0.0416	"	0.831		74.6	10-143				
Benzo(k)fluoranthene	0.627	0.0416	"	0.831		75.5	25-128				
Benzoic acid	0.151	0.0416	"	0.831		18.2	10-140				
Benzyl alcohol	0.586	0.0416	"	0.831		70.6	30-115				
Benzyl butyl phthalate	0.457	0.0416	"	0.831		55.0	26-126				
Bis(2-chloroethoxy)methane	0.574	0.0416	"	0.831		69.2	19-132				
Bis(2-chloroethyl)ether	0.523	0.0416	"	0.831		62.9	19-125				
Bis(2-chloroisopropyl)ether	0.741	0.0416	"	0.831		89.2	20-135				
Bis(2-ethylhexyl)phthalate	0.641	0.0416	"	0.831		77.1	10-155				
Caprolactam	0.694	0.0830	"	0.831		83.6	10-127				
Carbazole	0.514	0.0416	"	0.831		61.9	35-123				
Chrysene	0.638	0.0416	"	0.831		76.8	32-123				
Dibenzo(a,h)anthracene	0.619	0.0416	"	0.831		74.6	10-136				
Dibenzofuran	0.543	0.0416	"	0.831		65.4	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 BI00251 - EPA 3550C											
LCS (BI00251-BS1)											
Prepared: 09/04/2020 Analyzed: 09/08/2020											
Diethyl phthalate	0.495	0.0416	mg/kg wet	0.831		59.6	34-116				
Dimethyl phthalate	0.540	0.0416	"	0.831		65.0	35-124				
Di-n-butyl phthalate	0.499	0.0416	"	0.831		60.1	31-116				
Di-n-octyl phthalate	0.650	0.0416	"	0.831		78.2	26-136				
Diphenylamine	1.13	0.0830	"	0.831		136	40-140				
Fluoranthene	0.515	0.0416	"	0.831		62.0	33-122				
Fluorene	0.582	0.0416	"	0.831		70.1	29-123				
Hexachlorobenzene	0.705	0.0416	"	0.831		84.8	21-124				
Hexachlorobutadiene	0.540	0.0416	"	0.831		65.0	10-149				
Hexachlorocyclopentadiene	0.480	0.0416	"	0.831		57.8	10-129				
Hexachloroethane	0.473	0.0416	"	0.831		57.0	28-108				
Indeno(1,2,3-cd)pyrene	0.625	0.0416	"	0.831		75.2	10-135				
Isophorone	0.679	0.0416	"	0.831		81.8	20-132				
Naphthalene	0.609	0.0416	"	0.831		73.4	23-124				
Nitrobenzene	0.555	0.0416	"	0.831		66.8	13-132				
N-Nitrosodimethylamine	0.539	0.0416	"	0.831		64.9	11-129				
N-nitroso-di-n-propylamine	0.460	0.0416	"	0.831		55.4	24-119				
N-Nitrosodiphenylamine	1.16	0.0416	"	0.831		139	22-152				
Pentachlorophenol	0.647	0.0416	"	0.831		77.8	10-139				
Phenanthrene	0.664	0.0416	"	0.831		80.0	33-123				
Phenol	0.547	0.0416	"	0.831		65.8	23-115				
Pyrene	0.464	0.0416	"	0.831		55.9	32-130				
Pyridine	0.403	0.166	"	0.831		48.5	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.06*		"	*1.66*		*63.6*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.01*		"	*1.66*		*60.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.592*		"	*0.831*		*71.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.559*		"	*0.831*		*67.3*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.79*		"	*1.66*		*108*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.517*		"	*0.831*		*62.3*	*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 BI00251 - EPA 3550C											
Matrix Spike (BI00251-MS1)	*Source sample: 20I0205-01 (Matrix Spike)							Prepared: 09/04/2020 Analyzed: 09/08/2020			
1,1-Biphenyl	0.651	0.0862	mg/kg dry	0.861	ND	75.6	10-130				
1,2,4,5-Tetrachlorobenzene	0.695	0.172	"	0.990	ND	70.2	10-133				
1,2-Diphenylhydrazine (as Azobenzene)	0.777	0.0862	"	0.861	ND	90.2	10-144				
2,3,4,6-Tetrachlorophenol	0.614	0.172	"	0.861	ND	71.4	30-130				
2,4,5-Trichlorophenol	0.479	0.0862	"	0.861	ND	55.6	10-127				
2,4,6-Trichlorophenol	0.592	0.0862	"	0.861	ND	68.7	10-132				
2,4-Dichlorophenol	0.610	0.0862	"	0.861	ND	70.8	10-128				
2,4-Dimethylphenol	0.696	0.0862	"	0.861	ND	80.9	10-137				
2,4-Dinitrophenol	0.498	0.172	"	0.861	ND	57.8	10-171				
2,4-Dinitrotoluene	0.548	0.0862	"	0.861	ND	63.7	16-135				
2,6-Dinitrotoluene	0.652	0.0862	"	0.861	ND	75.7	18-131				
2-Chloronaphthalene	0.575	0.0862	"	0.861	ND	66.8	10-129				
2-Chlorophenol	0.587	0.0862	"	0.861	ND	68.2	15-116				
2-Methylnaphthalene	0.656	0.0862	"	0.861	ND	76.2	10-147				
2-Methylphenol	0.484	0.0862	"	0.861	ND	56.2	10-136				
2-Nitroaniline	0.591	0.172	"	0.861	ND	68.6	10-137				
2-Nitrophenol	0.669	0.0862	"	0.861	ND	77.7	10-129				
3- & 4-Methylphenols	0.437	0.0862	"	0.861	ND	50.7	10-123				
3,3-Dichlorobenzidine	0.490	0.0862	"	0.861	ND	57.0	10-155				
3-Nitroaniline	0.545	0.172	"	0.861	ND	63.3	12-133				
4,6-Dinitro-2-methylphenol	0.739	0.172	"	0.861	ND	85.8	10-155				
4-Bromophenyl phenyl ether	0.692	0.0862	"	0.861	ND	80.4	14-128				
4-Chloro-3-methylphenol	0.583	0.0862	"	0.861	ND	67.7	10-134				
4-Chloroaniline	0.554	0.0862	"	0.861	ND	64.3	10-145				
4-Chlorophenyl phenyl ether	0.947	0.0862	"	0.861	ND	110	14-130				
4-Nitroaniline	0.889	0.172	"	0.861	ND	103	10-147				
4-Nitrophenol	0.471	0.172	"	0.861	ND	54.7	10-137				
Acenaphthene	0.636	0.0862	"	0.861	ND	73.8	10-146				
Acenaphthylene	0.611	0.0862	"	0.861	ND	71.0	10-134				
Acetophenone	0.605	0.0862	"	0.861	ND	70.2	10-116				
Aniline	0.479	0.345	"	0.861	ND	55.6	10-123				
Anthracene	0.716	0.0862	"	0.861	ND	83.2	10-142				
Atrazine	0.672	0.0862	"	0.861	ND	78.0	19-115				
Benzaldehyde	0.597	0.0862	"	0.861	ND	69.4	10-125				
Benzo(a)anthracene	0.668	0.0862	"	0.861	ND	77.6	10-158				
Benzo(a)pyrene	0.635	0.0862	"	0.861	ND	73.8	10-180				
Benzo(b)fluoranthene	0.688	0.0862	"	0.861	ND	79.9	10-200				
Benzo(g,h,i)perylene	0.448	0.0862	"	0.861	ND	52.1	10-138				
Benzo(k)fluoranthene	0.649	0.0862	"	0.861	ND	75.4	10-197				
Benzoic acid	0.384	0.0862	"	0.861	ND	44.6	10-166				
Benzyl alcohol	0.600	0.0862	"	0.861	ND	69.7	12-124				
Benzyl butyl phthalate	0.663	0.0862	"	0.861	ND	77.0	10-154				
Bis(2-chloroethoxy)methane	0.608	0.0862	"	0.861	ND	70.6	10-132				
Bis(2-chloroethyl)ether	0.567	0.0862	"	0.861	ND	65.8	10-119				
Bis(2-chloroisopropyl)ether	0.690	0.0862	"	0.861	ND	80.2	10-139				
Bis(2-ethylhexyl)phthalate	0.665	0.0862	"	0.861	ND	77.2	10-167				
Caprolactam	0.619	0.172	"	0.861	ND	71.9	10-132				
Carbazole	0.680	0.0862	"	0.861	ND	79.0	10-167				
Chrysene	0.683	0.0862	"	0.861	ND	79.3	10-156				
Dibenzo(a,h)anthracene	0.446	0.0862	"	0.861	ND	51.8	10-137				
Dibenzofuran	0.588	0.0862	"	0.861	ND	68.3	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 BI00251 - EPA 3550C											
Matrix Spike (BI00251-MS1)	*Source sample: 20I0205-01 (Matrix Spike)							Prepared: 09/04/2020 Analyzed: 09/08/2020			
Diethyl phthalate	0.837	0.0862	mg/kg dry	0.861	ND	97.2	20-120				
Dimethyl phthalate	0.580	0.0862	"	0.861	ND	67.4	18-131				
Di-n-butyl phthalate	0.636	0.0862	"	0.861	ND	73.8	10-137				
Di-n-octyl phthalate	0.681	0.0862	"	0.861	ND	79.1	10-180				
Diphenylamine	1.03	0.172	"	0.861	ND	119	40-140				
Fluoranthene	0.664	0.0862	"	0.861	ND	77.1	10-160				
Fluorene	1.02	0.0862	"	0.861	ND	118	10-157				
Hexachlorobenzene	0.616	0.0862	"	0.861	ND	71.5	10-137				
Hexachlorobutadiene	0.553	0.0862	"	0.861	ND	64.2	10-132				
Hexachlorocyclopentadiene	0.401	0.0862	"	0.861	ND	46.6	10-106				
Hexachloroethane	0.516	0.0862	"	0.861	ND	59.9	10-110				
Indeno(1,2,3-cd)pyrene	0.483	0.0862	"	0.861	ND	56.2	10-144				
Isophorone	0.596	0.0862	"	0.861	ND	69.2	10-132				
Naphthalene	0.663	0.0862	"	0.861	ND	77.0	10-141				
Nitrobenzene	0.541	0.0862	"	0.861	ND	62.8	10-131				
N-Nitrosodimethylamine	0.534	0.0862	"	0.861	ND	62.0	10-126				
N-nitroso-di-n-propylamine	0.529	0.0862	"	0.861	ND	61.4	10-125				
N-Nitrosodiphenylamine	0.990	0.0862	"	0.861	ND	115	10-177				
Pentachlorophenol	0.613	0.0862	"	0.861	ND	71.2	10-153				
Phenanthrene	0.744	0.0862	"	0.861	ND	86.4	10-148				
Phenol	0.617	0.0862	"	0.861	ND	71.7	10-126				
Pyrene	0.706	0.0862	"	0.861	ND	82.0	10-165				
Pyridine	0.390	0.345	"	0.861	ND	45.3	10-83				
Surrogate: SURR: 2-Fluorophenol	*1.24*		"	*1.72*		*72.1*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.20*		"	*1.72*		*69.7*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.600*		"	*0.861*		*69.7*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.605*		"	*0.861*		*70.3*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.58*		"	*1.72*		*91.6*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.778*		"	*0.861*		*90.3*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BI00251 - EPA 3550C

Matrix Spike Dup (BI00251-MSD1) *Source sample: 20I0205-01 (Matrix Spike Dup) Prepared: 09/04/2020 Analyzed: 09/08/2020

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.735	0.0862	mg/kg dry	0.861	ND	85.4	10-130		12.1	30	
1,2,4,5-Tetrachlorobenzene	0.787	0.172	"	0.990	ND	79.4	10-133		12.4	30	
1,2-Diphenylhydrazine (as Azobenzene)	1.16	0.0862	"	0.861	ND	135	10-144		39.7	30	Non-dir.
2,3,4,6-Tetrachlorophenol	0.583	0.172	"	0.861	ND	67.7	30-130		5.29	30	
2,4,5-Trichlorophenol	0.506	0.0862	"	0.861	ND	58.7	10-127		5.46	30	
2,4,6-Trichlorophenol	0.652	0.0862	"	0.861	ND	75.8	10-132		9.75	30	
2,4-Dichlorophenol	0.696	0.0862	"	0.861	ND	80.8	10-128		13.2	30	
2,4-Dimethylphenol	0.800	0.0862	"	0.861	ND	92.9	10-137		13.8	30	
2,4-Dinitrophenol	0.518	0.172	"	0.861	ND	60.2	10-171		3.93	30	
2,4-Dinitrotoluene	0.626	0.0862	"	0.861	ND	72.7	16-135		13.3	30	
2,6-Dinitrotoluene	0.701	0.0862	"	0.861	ND	81.4	18-131		7.33	30	
2-Chloronaphthalene	0.628	0.0862	"	0.861	ND	73.0	10-129		8.82	30	
2-Chlorophenol	0.618	0.0862	"	0.861	ND	71.8	15-116		5.15	30	
2-Methylnaphthalene	0.719	0.0862	"	0.861	ND	83.5	10-147		9.22	30	
2-Methylphenol	0.472	0.0862	"	0.861	ND	54.8	10-136		2.59	30	
2-Nitroaniline	0.688	0.172	"	0.861	ND	79.9	10-137		15.2	30	
2-Nitrophenol	0.787	0.0862	"	0.861	ND	91.4	10-129		16.3	30	
3- & 4-Methylphenols	0.442	0.0862	"	0.861	ND	51.4	10-123		1.25	30	
3,3-Dichlorobenzidine	0.537	0.0862	"	0.861	ND	62.4	10-155		9.12	30	
3-Nitroaniline	0.634	0.172	"	0.861	ND	73.7	12-133		15.2	30	
4,6-Dinitro-2-methylphenol	1.29	0.172	"	0.861	ND	150	10-155		54.5	30	Non-dir.
4-Bromophenyl phenyl ether	0.979	0.0862	"	0.861	ND	114	14-128		34.4	30	Non-dir.
4-Chloro-3-methylphenol	0.628	0.0862	"	0.861	ND	73.0	10-134		7.51	30	
4-Chloroaniline	0.621	0.0862	"	0.861	ND	72.2	10-145		11.5	30	
4-Chlorophenyl phenyl ether	0.609	0.0862	"	0.861	ND	70.7	14-130		43.5	30	Non-dir.
4-Nitroaniline	0.600	0.172	"	0.861	ND	69.7	10-147		38.9	30	Non-dir.
4-Nitrophenol	0.517	0.172	"	0.861	ND	60.1	10-137		9.34	30	
Acenaphthene	0.694	0.0862	"	0.861	ND	80.6	10-146		8.70	30	
Acenaphthylene	0.669	0.0862	"	0.861	ND	77.8	10-134		9.14	30	
Acetophenone	0.639	0.0862	"	0.861	ND	74.2	10-116		5.54	30	
Aniline	0.644	0.345	"	0.861	ND	74.8	10-123		29.4	30	
Anthracene	0.700	0.0862	"	0.861	ND	81.4	10-142		2.24	30	
Atrazine	1.08	0.0862	"	0.861	ND	125	19-115	High Bias	46.3	30	Non-dir.
Benzaldehyde	0.688	0.0862	"	0.861	ND	79.9	10-125		14.1	30	
Benzo(a)anthracene	0.705	0.0862	"	0.861	ND	81.8	10-158		5.32	30	
Benzo(a)pyrene	0.688	0.0862	"	0.861	ND	79.9	10-180		8.02	30	
Benzo(b)fluoranthene	0.741	0.0862	"	0.861	ND	86.1	10-200		7.42	30	
Benzo(g,h,i)perylene	0.703	0.0862	"	0.861	ND	81.6	10-138		44.2	30	Non-dir.
Benzo(k)fluoranthene	0.711	0.0862	"	0.861	ND	82.6	10-197		9.12	30	
Benzoic acid	0.404	0.0862	"	0.861	ND	46.9	10-166		5.07	30	
Benzyl alcohol	0.689	0.0862	"	0.861	ND	80.0	12-124		13.8	30	
Benzyl butyl phthalate	0.461	0.0862	"	0.861	ND	53.5	10-154		35.9	30	Non-dir.
Bis(2-chloroethoxy)methane	0.744	0.0862	"	0.861	ND	86.4	10-132		20.1	30	
Bis(2-chloroethyl)ether	0.665	0.0862	"	0.861	ND	77.3	10-119		16.0	30	
Bis(2-chloroisopropyl)ether	0.718	0.0862	"	0.861	ND	83.4	10-139		4.01	30	
Bis(2-ethylhexyl)phthalate	0.701	0.0862	"	0.861	ND	81.4	10-167		5.35	30	
Caprolactam	0.709	0.172	"	0.861	ND	82.4	10-132		13.6	30	
Carbazole	0.681	0.0862	"	0.861	ND	79.1	10-167		0.101	30	
Chrysene	0.747	0.0862	"	0.861	ND	86.7	10-156		8.96	30	
Dibenzo(a,h)anthracene	0.696	0.0862	"	0.861	ND	80.9	10-137		43.9	30	Non-dir.
Dibenzofuran	0.616	0.0862	"	0.861	ND	71.6	10-147		4.69	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 BI00251 - EPA 3550C											
Matrix Spike Dup (BI00251-MSD1)	*Source sample: 20I0205-01 (Matrix Spike Dup)								Prepared: 09/04/2020 Analyzed: 09/08/2020		
Diethyl phthalate	0.556	0.0862	mg/kg dry	0.861	ND	64.6	20-120		40.4	30	Non-dir.
Dimethyl phthalate	0.607	0.0862	"	0.861	ND	70.5	18-131		4.53	30	
Di-n-butyl phthalate	0.646	0.0862	"	0.861	ND	75.0	10-137		1.61	30	
Di-n-octyl phthalate	0.721	0.0862	"	0.861	ND	83.8	10-180		5.70	30	
Diphenylamine	1.54	0.172	"	0.861	ND	179	40-140	High Bias	40.0	30	Non-dir.
Fluoranthene	0.708	0.0862	"	0.861	ND	82.2	10-160		6.43	30	
Fluorene	0.658	0.0862	"	0.861	ND	76.4	10-157		43.1	30	Non-dir.
Hexachlorobenzene	0.877	0.0862	"	0.861	ND	102	10-137		35.0	30	Non-dir.
Hexachlorobutadiene	0.573	0.0862	"	0.861	ND	66.6	10-132		3.55	30	
Hexachlorocyclopentadiene	0.415	0.0862	"	0.861	ND	48.2	10-106		3.38	30	
Hexachloroethane	0.515	0.0862	"	0.861	ND	59.8	10-110		0.134	30	
Indeno(1,2,3-cd)pyrene	0.736	0.0862	"	0.861	ND	85.4	10-144		41.4	30	Non-dir.
Isophorone	0.687	0.0862	"	0.861	ND	79.8	10-132		14.3	30	
Naphthalene	0.749	0.0862	"	0.861	ND	87.0	10-141		12.1	30	
Nitrobenzene	0.388	0.0862	"	0.861	ND	45.0	10-131		32.9	30	Non-dir.
N-Nitrosodimethylamine	0.638	0.0862	"	0.861	ND	74.1	10-126		17.8	30	
N-nitroso-di-n-propylamine	0.548	0.0862	"	0.861	ND	63.7	10-125		3.58	30	
N-Nitrosodiphenylamine	1.45	0.0862	"	0.861	ND	169	10-177		37.9	30	Non-dir.
Pentachlorophenol	0.751	0.0862	"	0.861	ND	87.2	10-153		20.2	30	
Phenanthrene	0.719	0.0862	"	0.861	ND	83.5	10-148		3.39	30	
Phenol	0.771	0.0862	"	0.861	ND	89.6	10-126		22.2	30	
Pyrene	0.492	0.0862	"	0.861	ND	57.2	10-165		35.6	30	Non-dir.
Pyridine	0.449	0.345	"	0.861	ND	52.2	10-83		14.1	30	
Surrogate: SURR: 2-Fluorophenol	*1.22*		*"*	*1.72*		*70.8*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.44*		*"*	*1.72*		*83.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.404*		*"*	*0.861*		*46.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.639*		*"*	*0.861*		*74.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.24*		*"*	*1.72*		*130*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.528*		*"*	*0.861*		*61.3*	*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 BI00252 - EPA 3550C											
Blank (BI00252-BLK1)									Prepared & Analyzed: 09/04/2020		
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	"								
Chlordane, total	ND	0.0329	"								
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	0.00822	"								
Toxaphene	ND	0.0832	"								
Surrogate: Decachlorobiphenyl	*0.0821*		*"*	*0.0664*		*124*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0565*		*"*	*0.0664*		*85.1*	*30-150*				
LCS (BI00252-BS1)									Prepared & Analyzed: 09/04/2020		
4,4'-DDD	0.0335	0.00164	mg/kg wet	0.0332		101	40-140				
4,4'-DDE	0.0271	0.00164	"	0.0332		81.5	40-140				
4,4'-DDT	0.0364	0.00164	"	0.0332		110	40-140				
Aldrin	0.0325	0.00164	"	0.0332		97.9	40-140				
alpha-BHC	0.0284	0.00164	"	0.0332		85.4	40-140				
alpha-Chlordane	0.0289	0.00164	"	0.0332		87.0	40-140				
beta-BHC	0.0294	0.00164	"	0.0332		88.5	40-140				
delta-BHC	0.0318	0.00164	"	0.0332		95.6	40-140				
Dieldrin	0.0349	0.00164	"	0.0332		105	40-140				
Endosulfan I	0.0281	0.00164	"	0.0332		84.6	40-140				
Endosulfan II	0.0314	0.00164	"	0.0332		94.5	40-140				
Endosulfan sulfate	0.0339	0.00164	"	0.0332		102	40-140				
Endrin	0.0322	0.00164	"	0.0332		96.9	40-140				
Endrin aldehyde	0.0295	0.00164	"	0.0332		88.8	40-140				
Endrin ketone	0.0379	0.00164	"	0.0332		114	40-140				
gamma-BHC (Lindane)	0.0308	0.00164	"	0.0332		92.7	40-140				
gamma-Chlordane	0.0285	0.00164	"	0.0332		85.7	40-140				
Heptachlor	0.0346	0.00164	"	0.0332		104	40-140				
Heptachlor epoxide	0.0281	0.00164	"	0.0332		84.6	40-140				
Methoxychlor	0.0420	0.00822	"	0.0332		126	40-140				
Surrogate: Decachlorobiphenyl	*0.0767*		*"*	*0.0664*		*115*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0510*		*"*	*0.0664*		*76.8*	*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 BI00273 - EPA 3050B											
Blank (BI00273-BLK1)									Prepared & Analyzed: 09/04/2020		
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	5.42	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	1.00	"								
Potassium	11.0	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 (BI00273-DUP1)	*Source sample: 20I0231-10 (Duplicate)								Prepared & Analyzed: 09/04/2020		
Aluminum	17000	5.50	mg/kg dry		17000				0.347	35	
Antimony	ND	2.75	"		ND					35	
Arsenic	ND	1.65	"		2.21					35	
Barium	183	2.75	"		162				12.2	35	
Beryllium	ND	0.055	"		ND					35	
Cadmium	ND	0.330	"		ND					35	
Calcium	9950	5.50	"		8260				18.5	35	
Chromium	34.5	0.550	"		38.1				9.83	35	
Cobalt	13.7	0.440	"		12.9				6.57	35	
Copper	87.5	2.20	"		69.1				23.4	35	
Iron	41200	27.5	"		35700				14.3	35	
Lead	105	0.550	"		81.5				25.3	35	
Magnesium	7010	5.50	"		8120				14.7	35	
Manganese	395	0.550	"		392				0.715	35	
Nickel	25.8	1.10	"		22.6				13.2	35	
Potassium	4870	5.50	"		5160				5.88	35	
Selenium	ND	2.75	"		ND					35	
Silver	ND	0.550	"		ND					35	
Sodium	315	55.0	"		424				29.6	35	
Thallium	ND	2.75	"		ND					35	
Vanadium	55.4	1.10	"		60.4				8.51	35	
Zinc	186	2.75	"		160				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 BI00273 - EPA 3050B											
Matrix Spike (BI00273-MS1)	*Source sample: 20I0231-10 (Matrix Spike)							Prepared & Analyzed: 09/04/2020			
Aluminum	14800	5.50	mg/kg dry	220	17000	NR	75-125	Low Bias			
Antimony	4.89	2.75	"	27.5	ND	17.8	75-125	Low Bias			
Arsenic	237	1.65	"	220	2.21	107	75-125				
Barium	388	2.75	"	220	162	102	75-125				
Beryllium	ND	0.055	"	5.50	ND		75-125	Low Bias			
Cadmium	6.24	0.330	"	5.50	ND	113	75-125				
Calcium	17200	5.50	"	110	8260	NR	75-125	High Bias			
Chromium	51.9	0.550	"	22.0	38.1	62.7	75-125	Low Bias			
Cobalt	70.3	0.440	"	55.0	12.9	104	75-125				
Copper	101	2.20	"	27.5	69.1	115	75-125				
Iron	30000	27.5	"	110	35700	NR	75-125	Low Bias			
Lead	164	0.550	"	55.0	81.5	150	75-125	High Bias			
Magnesium	6810	5.50	"	110	8120	NR	75-125	Low Bias			
Manganese	466	0.550	"	55.0	392	135	75-125	High Bias			
Nickel	78.8	1.10	"	55.0	22.6	102	75-125				
Potassium	4480	5.50	"	110	5160	NR	75-125	Low Bias			
Selenium	180	2.75	"	220	ND	81.6	75-125				
Silver	ND	0.550	"	5.50	ND		75-125	Low Bias			
Sodium	378	55.0	"	110	424	NR	75-125	Low Bias			
Thallium	218	2.75	"	220	ND	99.2	75-125				
Vanadium	106	1.10	"	55.0	60.4	82.3	75-125				
Zinc	213	2.75	"	55.0	160	96.8	75-125				
Post Spike (BI00273-PS1)	*Source sample: 20I0231-10 (Post Spike)							Prepared & Analyzed: 09/04/2020			
Aluminum	158		ug/mL	2.00	155	171	75-125	High Bias			
Antimony	0.243		"	0.250	-0.020	97.3	75-125				
Arsenic	2.08		"	2.00	0.020	103	75-125				
Barium	3.57		"	2.00	1.47	105	75-125				
Beryllium	-0.038		"	0.0500	-0.093		75-125	Low Bias			
Cadmium	0.055		"	0.0500	0.002	105	75-125				
Calcium	77.7		"	1.00	75.1	260	75-125	High Bias			
Chromium	0.543		"	0.200	0.346	98.8	75-125				
Cobalt	0.647		"	0.500	0.117	106	75-125				
Copper	0.881		"	0.250	0.628	101	75-125				
Iron	330		"	1.00	324	608	75-125	High Bias			
Lead	1.27		"	0.500	0.740	107	75-125				
Magnesium	76.2		"	1.00	73.8	241	75-125	High Bias			
Manganese	4.09		"	0.500	3.56	106	75-125				
Nickel	0.728		"	0.500	0.205	105	75-125				
Potassium	48.1		"	1.00	46.9	122	75-125				
Selenium	1.53		"	2.00	-0.341	76.4	75-125				
Silver	0.007		"	0.0500	-0.038	13.7	75-125	Low Bias			
Sodium	4.86		"	1.00	3.85	101	75-125				
Thallium	1.94		"	2.00	-0.035	97.2	75-125				
Vanadium	1.05		"	0.500	0.548	100	75-125				
Zinc	2.04		"	0.500	1.45	117	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 BI00273 - EPA 3050B											
Reference (BI00273-SRM1)								Prepared & Analyzed: 09/04/2020			
Aluminum	9670	5.00	mg/kg wet	8460		114	50.5-150.1				
Antimony	73.6	2.50	"	120		61.3	19-251.7				
Arsenic	114	1.50	"	95.5		119	70.1-129.8				
Barium	357	2.50	"	300		119	75-125				
Beryllium	112	0.050	"	103		109	75-125.2				
Cadmium	162	0.300	"	135		120	74.8-125.2				
Calcium	5230	5.00	"	4720		111	72.7-127.5				
Chromium	167	0.500	"	147		113	70.1-129.9				
Cobalt	52.6	0.400	"	43.2		122	75-125				
Copper	173	2.00	"	150		115	75.3-125.3				
Iron	15300	25.0	"	14400		106	35.8-164.6				
Lead	105	0.500	"	92.3		113	70-130				
Magnesium	2580	5.00	"	2300		112	61.7-137.8				
Manganese	768	0.500	"	677		113	78.1-122				
Nickel	78.0	1.00	"	59.8		131	70.1-130.1	High Bias			
Potassium	2240	5.00	"	2030		110	59.1-140.9				
Selenium	25.3	2.50	"	42.0		60.2	55.7-144.5				
Silver	42.3	0.500	"	40.3		105	69.2-130.8				
Sodium	144	50.0	"	139		104	36.1-163.3				
Thallium	92.5	2.50	"	83.1		111	65.3-146.8				
Vanadium	108	1.00	"	96.9		111	67-133.1				
Zinc	436	2.50	"	369		118	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 BI00278 - EPA 7473 soil											
Blank (BI00278-BLK1)								Prepared & Analyzed: 09/04/2020			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BI00278-DUP1)	*Source sample: 20I0100-04 (Duplicate)							Prepared & Analyzed: 09/04/2020			
Mercury	0.0504	0.0316	mg/kg dry		0.0631				22.3	35	
Matrix Spike (BI00278-MS1)	*Source sample: 20I0100-04 (Matrix Spike)							Prepared & Analyzed: 09/04/2020			
Mercury	0.635		mg/kg	0.500	0.0599	115	75-125				
Reference (BI00278-SRM1)								Prepared & Analyzed: 09/04/2020			
Mercury	3.3603		mg/kg	3.71		90.6	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 BI00417 - Analysis Preparation Soil											
Blank (BI00417-BLK1)								Prepared & Analyzed: 09/09/2020			
Cyanide, total	ND	0.500	mg/kg wet								
Duplicate (BI00417-DUP1)	*Source sample: 20I0272-04 (Duplicate)							Prepared & Analyzed: 09/09/2020			
Cyanide, total	ND	0.518	mg/kg dry		ND					15	
Matrix Spike (BI00417-MS1)	*Source sample: 20I0272-04 (Matrix Spike)							Prepared & Analyzed: 09/09/2020			
Cyanide, total	8.44	0.518	mg/kg dry	1.04	ND	814	79.6-107	High Bias			
Reference (BI00417-SRM1)								Prepared & Analyzed: 09/09/2020			
Cyanide, total	82.1		ug/mL	96.2		85.4	42.41-156.96				
Batch BI00448 - EPA SW846-3060											
Blank (BI00448-BLK1)								Prepared: 09/09/2020 Analyzed: 09/10/2020			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BI00448-DUP1)	*Source sample: 20I0314-01 (Duplicate)							Prepared: 09/09/2020 Analyzed: 09/10/2020			
Chromium, Hexavalent	ND	0.793	mg/kg dry		ND					35	
Matrix Spike (BI00448-MS1)	*Source sample: 20I0314-01 (Matrix Spike)							Prepared: 09/09/2020 Analyzed: 09/10/2020			
Chromium, Hexavalent	32.8	0.793	mg/kg dry	31.7	ND	104	75-125				
Reference (BI00448-SRM1)								Prepared: 09/09/2020 Analyzed: 09/10/2020			
Chromium, Hexavalent	72.5		mg/L	92.5		78.4	25.95-196.76				

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 BI00258 - % Solids Prep											
Duplicate (BI00258-DUP1)	*Source sample: 20I0231-12 (Duplicate)							Prepared & Analyzed: 09/04/2020			
% Solids	88.6	0.100	%		90.8				2.55	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20I0174-01	EP19_EL56	40mL Vial with Stir Bar-Cool 4° C
20I0174-02	EP26_EL56	40mL Vial with Stir Bar-Cool 4° C
20I0174-03	TB01_090320	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-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-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-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
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-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: This report has been revised to update client sample identification with depth interval.

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. 20I0174

YOUR Information

Company: LANGAN
Address: 360 W 31ST ST, 8TH FL, NY
Phone No. 212 479 5400
Contact Person: KIM SEMON
E-Mail Address: KSEMON@LANGAN.COM

Report To:

Company:
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:

Company:
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

170387501

Purchase Order No.

Samples from: CT ___ NY X NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☒ VOCs ONLY
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type

- Summary Report ___
- Summary w/ QA Summary ___
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package X
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)

- Simple Excel ___
- NYSDEC EQuIS ___
- EQuIS (std) ___
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___
- **York Regulatory Comparison**
- **Excel Spreadsheet** ___

Compare to the following Regs. (please fill in):

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.

TOMAS MONTI
Samples Collected/Authorized By (Signature)

TOMAS MONTI
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TIC's	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
EP19-0156	9/3/20 800	S	TCL/TAL PART 375 VOCs, SVOCs, METALS, PESTICIDES, TCN, TRI / HEX CHROM	
EP26-0156	9/3/20 900	S	TCL/TAL PART 375 VOCs, SVOCs, METALS, PESTICIDES, TCN, TRI / HEX CHROM	
TB01-090320	9/3/20 1000	AQ	TCL/TAL PART 375 VOCs	

Comments
(A) 24 HR TAT VOCs ONLY
STANDARD TAT FOR ALL OTHER ANALYTES

Preservation Check those Applicable
4°C ___ Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___
ZnAc Ascorbic Acid Other

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
TOMAS MONTI / LANGAN	9/3/20	ED/SVL	9/3/20 1105
ED/SVL	9/3/20 1808	KBLOEJU	9/3/20 1808
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time

Temperature on Receipt 3.2 °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: 12/02/2021
Client Project ID: 170384501
York Project (SDG) No.: 20I0299

Revision No. 1.0

Report Date: 12/02/2021
Client Project ID: 170384501
York Project (SDG) No.: 20I0299

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 September 08, 2020 and listed below. The project was identified as your project: **170384501**.

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
20I0299-01	EP23_EL55	Soil	09/08/2020	09/08/2020

General Notes for York Project (SDG) No.: 20I0299

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: 12/02/2021

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: EP23_EL55 **York Sample ID:** 20I0299-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0299	170384501	Soil	September 8, 2020 7:00 am	09/08/2020

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
7429-90-5	**Aluminum**	**13800**		mg/kg dry	5.27	1	EPA 6010D	09/09/2020 07:41	09/09/2020 14:55	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.63	1	EPA 6010D	09/09/2020 07:41	09/09/2020 14:55	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**1.86**		mg/kg dry	1.58	1	EPA 6010D	09/09/2020 07:41	09/09/2020 14:55	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**72.5**		mg/kg dry	2.63	1	EPA 6010D	09/09/2020 07:41	09/09/2020 14:55	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.053	1	EPA 6010D	09/09/2020 07:41	09/09/2020 14:55	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.361**		mg/kg dry	0.316	1	EPA 6010D	09/09/2020 07:41	09/09/2020 14:55	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**4740**		mg/kg dry	5.27	1	EPA 6010D	09/09/2020 07:41	09/09/2020 14:55	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**38.8**		mg/kg dry	0.527	1	EPA 6010D	09/09/2020 07:41	09/09/2020 14:55	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**16.1**		mg/kg dry	0.421	1	EPA 6010D	09/09/2020 07:41	09/09/2020 14:55	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**22.7**		mg/kg dry	2.11	1	EPA 6010D	09/09/2020 07:41	09/09/2020 14:55	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**23700**		mg/kg dry	26.3	1	EPA 6010D	09/09/2020 07:41	09/09/2020 14:55	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**28.7**		mg/kg dry	0.527	1	EPA 6010D	09/09/2020 07:41	09/09/2020 14:55	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**7570**		mg/kg dry	5.27	1	EPA 6010D	09/09/2020 07:41	09/09/2020 14:55	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**524**		mg/kg dry	0.527	1	EPA 6010D	09/09/2020 07:41	09/09/2020 14:55	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**55.6**		mg/kg dry	1.05	1	EPA 6010D	09/09/2020 07:41	09/09/2020 14:55	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**3080**		mg/kg dry	5.27	1	EPA 6010D	09/09/2020 07:41	09/09/2020 14:55	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.63	1	EPA 6010D	09/09/2020 07:41	09/09/2020 14:55	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.527	1	EPA 6010D	09/09/2020 07:41	09/09/2020 14:55	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**214**		mg/kg dry	52.7	1	EPA 6010D	09/09/2020 07:41	09/09/2020 14:55	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.63	1	EPA 6010D	09/09/2020 07:41	09/09/2020 14:55	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**42.7**		mg/kg dry	1.05	1	EPA 6010D	09/09/2020 07:41	09/09/2020 14:55	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP23_EL55 **York Sample ID:** 20I0299-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0299	170384501	Soil	September 8, 2020 7:00 am	09/08/2020

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
7440-66-6	**Zinc**	**57.3**		mg/kg dry	2.63	1	EPA 6010D	09/09/2020 07:41	09/09/2020 14:55	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	0.0316	1	EPA 7473	09/08/2020 15:58	09/08/2020 22:00	MAO
							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**	**94.9**		%	0.100	1	SM 2540G	09/09/2020 08:06	09/09/2020 15:04	SK
							Certifications:	CTDOH		

Analytical Batch Summary

Batch ID: BI00390 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20I0299-01	EP23_EL55	09/08/20
BI00390-BLK1	Blank	09/08/20
BI00390-DUP1	Duplicate	09/08/20
BI00390-MS1	Matrix Spike	09/08/20
BI00390-SRM1	Reference	09/08/20

Batch ID: BI00408 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20I0299-01	EP23_EL55	09/09/20
BI00408-BLK1	Blank	09/09/20
BI00408-DUP1	Duplicate	09/09/20
BI00408-MS1	Matrix Spike	09/09/20
BI00408-PS1	Post Spike	09/09/20
BI00408-SRM1	Reference	09/09/20

Batch ID: BI00410 **Preparation Method:** % Solids Prep **Prepared By:** WJM

YORK Sample ID	Client Sample ID	Preparation Date
20I0299-01	EP23_EL55	09/09/20
BI00410-DUP1	Duplicate	09/09/20

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 BI00408 - EPA 3050B											
Blank (BI00408-BLK1)									Prepared & Analyzed: 09/09/2020		
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 (BI00408-DUP1)	*Source sample: 20I0333-03 (Duplicate)								Prepared & Analyzed: 09/09/2020		
Aluminum	8310	5.60	mg/kg dry		8950				7.50	35	
Antimony	3.86	2.80	"		ND					35	
Arsenic	5.64	1.68	"		4.45				23.6	35	
Barium	179	2.80	"		199				10.2	35	
Beryllium	ND	0.056	"		ND					35	
Cadmium	0.582	0.336	"		0.529				9.55	35	
Calcium	10400	5.60	"		12100				15.0	35	
Chromium	17.7	0.560	"		18.2				2.75	35	
Cobalt	7.47	0.448	"		8.00				6.86	35	
Copper	111	2.24	"		85.7				25.3	35	
Iron	16100	28.0	"		16800				4.41	35	
Lead	231	0.560	"		227				2.04	35	
Magnesium	3530	5.60	"		3390				3.98	35	
Manganese	252	0.560	"		299				17.3	35	
Nickel	20.0	1.12	"		21.4				6.70	35	
Potassium	1600	5.60	"		2050				24.7	35	
Selenium	ND	2.80	"		ND					35	
Silver	ND	0.560	"		ND					35	
Sodium	187	56.0	"		246				27.6	35	
Thallium	ND	2.80	"		ND					35	
Vanadium	26.0	1.12	"		26.0				0.214	35	
Zinc	236	2.80	"		373				45.2	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 BI00408 - EPA 3050B											
Matrix Spike (BI00408-MS1)	*Source sample: 20I0333-03 (Matrix Spike)							Prepared & Analyzed: 09/09/2020			
Aluminum	8730	5.60	mg/kg dry	224	8950	NR	75-125	Low Bias			
Antimony	7.22	2.80	"	28.0	ND	25.8	75-125	Low Bias			
Arsenic	223	1.68	"	224	4.45	97.5	75-125				
Barium	381	2.80	"	224	199	81.6	75-125				
Beryllium	3.51	0.056	"	5.60	ND	62.8	75-125	Low Bias			
Cadmium	6.07	0.336	"	5.60	0.529	99.0	75-125				
Calcium	18300	5.60	"	112	12100	NR	75-125	High Bias			
Chromium	38.4	0.560	"	22.4	18.2	90.4	75-125				
Cobalt	61.8	0.448	"	56.0	8.00	96.1	75-125				
Copper	108	2.24	"	28.0	85.7	79.0	75-125				
Iron	15900	28.0	"	112	16800	NR	75-125	Low Bias			
Lead	257	0.560	"	56.0	227	53.5	75-125	Low Bias			
Magnesium	6460	5.60	"	112	3390	NR	75-125	High Bias			
Manganese	318	0.560	"	56.0	299	32.4	75-125	Low Bias			
Nickel	75.8	1.12	"	56.0	21.4	97.2	75-125				
Potassium	1570	5.60	"	112	2050	NR	75-125	Low Bias			
Selenium	185	2.80	"	224	ND	82.5	75-125				
Silver	ND	0.560	"	5.60	ND		75-125	Low Bias			
Sodium	396	56.0	"	112	246	133	75-125	High Bias			
Thallium	212	2.80	"	224	ND	94.6	75-125				
Vanadium	77.5	1.12	"	56.0	26.0	92.0	75-125				
Zinc	257	2.80	"	56.0	373	NR	75-125	Low Bias			
Post Spike (BI00408-PS1)	*Source sample: 20I0333-03 (Post Spike)							Prepared & Analyzed: 09/09/2020			
Aluminum	82.2		ug/mL	2.00	80.0	107	75-125				
Antimony	0.269		"	0.250	-0.010	108	75-125				
Arsenic	2.29		"	2.00	0.040	113	75-125				
Barium	4.04		"	2.00	1.77	113	75-125				
Beryllium	0.035		"	0.0500	-0.023	70.4	75-125	Low Bias			
Cadmium	0.062		"	0.0500	0.005	114	75-125				
Calcium	108		"	1.00	108	NR	75-125	Low Bias			
Chromium	0.381		"	0.200	0.163	109	75-125				
Cobalt	0.664		"	0.500	0.071	119	75-125				
Copper	1.04		"	0.250	0.766	108	75-125				
Iron	149		"	1.00	150	NR	75-125	Low Bias			
Lead	2.62		"	0.500	2.03	118	75-125				
Magnesium	30.9		"	1.00	30.3	55.2	75-125	Low Bias			
Manganese	3.20		"	0.500	2.68	104	75-125				
Nickel	0.797		"	0.500	0.191	121	75-125				
Potassium	19.3		"	1.00	18.3	100	75-125				
Selenium	1.85		"	2.00	-0.174	92.6	75-125				
Silver	0.022		"	0.0500	-0.025	44.9	75-125	Low Bias			
Sodium	3.39		"	1.00	2.20	119	75-125				
Thallium	2.19		"	2.00	-0.034	110	75-125				
Vanadium	0.790		"	0.500	0.233	112	75-125				
Zinc	3.76		"	0.500	3.34	85.3	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 BI00408 - EPA 3050B											
Reference (BI00408-SRM1)								Prepared & Analyzed: 09/09/2020			
Aluminum	8850	5.00	mg/kg wet	8460		105	50.5-150.1				
Antimony	62.5	2.50	"	120		52.1	19-251.7				
Arsenic	99.4	1.50	"	95.5		104	70.1-129.8				
Barium	320	2.50	"	300		107	75-125				
Beryllium	103	0.050	"	103		100	75-125.2				
Cadmium	142	0.300	"	135		105	74.8-125.2				
Calcium	4780	5.00	"	4720		101	72.7-127.5				
Chromium	147	0.500	"	147		100	70.1-129.9				
Cobalt	48.1	0.400	"	43.2		111	75-125				
Copper	163	2.00	"	150		109	75.3-125.3				
Iron	14500	25.0	"	14400		101	35.8-164.6				
Lead	94.8	0.500	"	92.3		103	70-130				
Magnesium	2410	5.00	"	2300		105	61.7-137.8				
Manganese	706	0.500	"	677		104	78.1-122				
Nickel	74.3	1.00	"	59.8		124	70.1-130.1				
Potassium	2190	5.00	"	2030		108	59.1-140.9				
Selenium	21.1	2.50	"	42.0		50.3	55.7-144.5	Low Bias			
Silver	38.8	0.500	"	40.3		96.2	69.2-130.8				
Sodium	140	50.0	"	139		101	36.1-163.3				
Thallium	82.7	2.50	"	83.1		99.5	65.3-146.8				
Vanadium	94.2	1.00	"	96.9		97.2	67-133.1				
Zinc	381	2.50	"	369		103	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 BI00390 - EPA 7473 soil											
Blank (BI00390-BLK1)								Prepared & Analyzed: 09/08/2020			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BI00390-DUP1)	*Source sample: 20I0302-01 (Duplicate)							Prepared & Analyzed: 09/08/2020			
Mercury	0.0422	0.0311	mg/kg dry		0.0409				3.25	35	
Matrix Spike (BI00390-MS1)	*Source sample: 20I0302-01 (Matrix Spike)							Prepared & Analyzed: 09/08/2020			
Mercury	0.562		mg/kg	0.500	0.0394	104	75-125				
Reference (BI00390-SRM1)								Prepared & Analyzed: 09/08/2020			
Mercury	3.1329		mg/kg	3.71		84.4	65-135				

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 BI00410 - % Solids Prep											
Duplicate (BI00410-DUP1)	*Source sample: 20I0333-03 (Duplicate)							Prepared & Analyzed: 09/09/2020			
% Solids	92.5	0.100	%		89.3				3.43	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-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.

Revision Description: This report has been revised to correct Sample IDs.

York Analytical Laboratories, Inc.
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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. 20I0299

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: LANGAN	Company:	Company:	170384501	RUSH - Next Day X
Address: 360 W 31 ST. 8TH FL, NY	Address:	Address:	YOUR Project Name: 805-825 ATLANTIC AVENUE, NY	RUSH - Two Day
Phone: 212 479 5400	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.

TOMAS MONTI / LANGAN

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 X	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
EP23_0155	S	9/8/20 [redacted] 700	TCL TAL PART 375 METALS	

Comments: * 24 HOUR TAT

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
TOMAS MONTI / LANGAN	9/8/2020 1050	Ed/Bwl	9/8/20 1050	Ed/Bwl	9/8/20 1910
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
				KBlodgett 9/8/20 1910	3.3 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: 12/02/2021
Client Project ID: 170384501
York Project (SDG) No.: 20I0812

Revision No. **1.0**

Report Date: 12/02/2021
Client Project ID: 170384501
York Project (SDG) No.: 20I0812

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 September 17, 2020 and listed below. The project was identified as your project: **170384501**.

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
20I0812-01	SW01_56	Soil	09/17/2020	09/17/2020
20I0812-02	SW02_56	Soil	09/17/2020	09/17/2020
20I0812-03	TB01_091720	Water	09/17/2020	09/17/2020
20I0812-04	EP20_EL54	Soil	09/17/2020	09/17/2020
20I0812-05	EP24_EL54	Soil	09/17/2020	09/17/2020

General Notes for York Project (SDG) No.: 20I0812

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: 12/02/2021

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: SW01_56 **York Sample ID:** 20I0812-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Soil	September 17, 2020 7:00 am	09/17/2020

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	09/18/2020 06:57	09/18/2020 12:36	TMP
								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	09/18/2020 06:57	09/18/2020 12:36	TMP
								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	09/18/2020 06:57	09/18/2020 12:36	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	0.0023	0.0047	1	EPA 8260C	09/18/2020 06:57	09/18/2020 12:36	TMP
								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	09/18/2020 06:57	09/18/2020 12:36	TMP
								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	09/18/2020 06:57	09/18/2020 12:36	TMP
								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	09/18/2020 06:57	09/18/2020 12:36	TMP
								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	09/18/2020 06:57	09/18/2020 12:36	TMP
								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	09/18/2020 06:57	09/18/2020 12:36	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	09/18/2020 06:57	09/18/2020 12:36	TMP
								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	09/18/2020 06:57	09/18/2020 12:36	TMP
								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	09/18/2020 06:57	09/18/2020 12:36	TMP
								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	09/18/2020 06:57	09/18/2020 12:36	TMP
								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	09/18/2020 06:57	09/18/2020 12:36	TMP
								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	09/18/2020 06:57	09/18/2020 12:36	TMP
								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	09/18/2020 06:57	09/18/2020 12:36	TMP
								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	09/18/2020 06:57	09/18/2020 12:36	TMP
								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	09/18/2020 06:57	09/18/2020 12:36	TMP
								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	09/18/2020 06:57	09/18/2020 12:36	TMP
								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	09/18/2020 06:57	09/18/2020 12:36	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	09/18/2020 06:57	09/18/2020 12:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SW01_56 **York Sample ID:** 20I0812-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Soil	September 17, 2020 7:00 am	09/17/2020

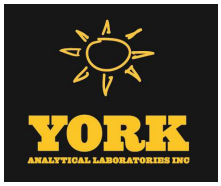
Volatiles, 8260 Comprehensive

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	09/18/2020 06:57	09/18/2020 12:36	TMP
								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	09/18/2020 06:57	09/18/2020 12:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.0068**	J	mg/kg dry	0.0047	0.0094	1	EPA 8260C	09/18/2020 06:57	09/18/2020 12:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C	09/18/2020 06:57	09/18/2020 12:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	09/18/2020 06:57	09/18/2020 12:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	09/18/2020 06:57	09/18/2020 12:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	09/18/2020 06:57	09/18/2020 12:36	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	09/18/2020 06:57	09/18/2020 12:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	09/18/2020 06:57	09/18/2020 12:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	09/18/2020 06:57	09/18/2020 12:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	09/18/2020 06:57	09/18/2020 12:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	09/18/2020 06:57	09/18/2020 12:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	09/18/2020 06:57	09/18/2020 12:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	09/18/2020 06:57	09/18/2020 12:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	09/18/2020 06:57	09/18/2020 12:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	09/18/2020 06:57	09/18/2020 12:36	TMP
								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	09/18/2020 06:57	09/18/2020 12:36	TMP
								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	09/18/2020 06:57	09/18/2020 12:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	09/18/2020 06:57	09/18/2020 12:36	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	09/18/2020 06:57	09/18/2020 12:36	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	09/18/2020 06:57	09/18/2020 12:36	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	09/18/2020 06:57	09/18/2020 12:36	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		



Sample Information

Client Sample ID: **SW01_56** **York Sample ID:** **20I0812-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Soil	September 17, 2020 7:00 am	09/17/2020

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	09/18/2020 06:57	09/18/2020 12:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	09/18/2020 06:57	09/18/2020 12:36	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	09/18/2020 06:57	09/18/2020 12:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	09/18/2020 06:57	09/18/2020 12:36	TMP
								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	09/18/2020 06:57	09/18/2020 12:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	09/18/2020 06:57	09/18/2020 12:36	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C	09/18/2020 06:57	09/18/2020 12:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	09/18/2020 06:57	09/18/2020 12:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	09/18/2020 06:57	09/18/2020 12:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	09/18/2020 06:57	09/18/2020 12:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C	09/18/2020 06:57	09/18/2020 12:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	09/18/2020 06:57	09/18/2020 12:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	09/18/2020 06:57	09/18/2020 12:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	09/18/2020 06:57	09/18/2020 12:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	09/18/2020 06:57	09/18/2020 12:36	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	09/18/2020 06:57	09/18/2020 12:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	09/18/2020 06:57	09/18/2020 12:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	09/18/2020 06:57	09/18/2020 12:36	TMP
								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	09/18/2020 06:57	09/18/2020 12:36	TMP
								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	09/18/2020 06:57	09/18/2020 12:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	09/18/2020 06:57	09/18/2020 12:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	09/18/2020 06:57	09/18/2020 12:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SW01_56 **York Sample ID:** 20I0812-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Soil	September 17, 2020 7:00 am	09/17/2020

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	09/18/2020 06:57	09/18/2020 12:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0070	0.014	1	EPA 8260C	09/18/2020 06:57	09/18/2020 12:36	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*109 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.9 %*	*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	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0865	0.173	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0865	0.173	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0865	0.173	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SW01_56 **York Sample ID:** 20I0812-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Soil	September 17, 2020 7:00 am	09/17/2020

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	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0865	0.173	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0865	0.173	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0865	0.173	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0865	0.173	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0865	0.173	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.173	0.346	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.0920**		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.173	0.346	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.178**		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SW01_56 **York Sample ID:** 20I0812-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Soil	September 17, 2020 7:00 am	09/17/2020

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**	**0.149**		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.127**		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.0816**	J	mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.123**		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0865	0.173	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.176**		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0865	0.173	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.376**		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SW01_56 **York Sample ID:** 20I0812-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Soil	September 17, 2020 7:00 am	09/17/2020

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	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0961**		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.338**		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.329**		mg/kg dry	0.0434	0.0865	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.173	0.346	2	EPA 8270D	09/23/2020 08:15	09/23/2020 16:07	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*	*62.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*58.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*62.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*76.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*70.4 %*	*24-116*

Sample Information

Client Sample ID: SW01_56 **York Sample ID:** 20I0812-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Soil	September 17, 2020 7:00 am	09/17/2020

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	0.00169	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00169	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00169	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00169	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00169	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:08	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	Chlordane, total	ND		mg/kg dry	0.0338	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00169	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00169	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00169	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:08	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00169	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00169	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00169	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00169	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00169	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00169	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:08	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00169	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00169	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00845	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SW01_56 **York Sample ID:** 20I0812-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Soil	September 17, 2020 7:00 am	09/17/2020

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
8001-35-2	Toxaphene	ND		mg/kg dry	0.0855	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*75.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.5 %*	*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**	**9690**		mg/kg dry	5.20	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.60	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.56	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**54.8**		mg/kg dry	2.60	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.052	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.312	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**3430**		mg/kg dry	5.20	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**28.2**		mg/kg dry	0.520	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**9.77**		mg/kg dry	0.416	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**26.8**		mg/kg dry	2.08	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**18400**		mg/kg dry	26.0	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**45.7**		mg/kg dry	0.520	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**4430**		mg/kg dry	5.20	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**392**		mg/kg dry	0.520	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**44.4**		mg/kg dry	1.04	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1370**		mg/kg dry	5.20	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SW01_56 **York Sample ID:** 20I0812-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Soil	September 17, 2020 7:00 am	09/17/2020

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
7782-49-2	Selenium	ND		mg/kg dry	2.60	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:47	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.520	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:47	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**208**		mg/kg dry	52.0	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:47	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.60	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:47	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**31.5**		mg/kg dry	1.04	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:47	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**53.1**		mg/kg dry	2.60	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:47	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	0.0312	1	EPA 7473	09/23/2020 11:46	09/23/2020 16:07	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	0.520	1	EPA 7196A	09/21/2020 08:49	09/21/2020 17:32	JAG
							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**	**28.2**		mg/kg	0.500	1	Calculation	09/24/2020 15:13	09/24/2020 15:18	PAM
							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	0.520	1	EPA 9014/9010C	09/22/2020 14:37	09/22/2020 21:56	MAO
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

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

Sample Information

Client Sample ID: SW01_56 **York Sample ID:** 20I0812-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Soil	September 17, 2020 7:00 am	09/17/2020

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	96.1		%	0.100	1	SM 2540G	09/18/2020 08:36	09/18/2020 16:09	SK
							Certifications: CTDOH			

Sample Information

Client Sample ID: SW02_56 **York Sample ID:** 20I0812-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Soil	September 17, 2020 8:00 am	09/17/2020

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	09/18/2020 06:57	09/18/2020 13:04	TMP
								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	09/18/2020 06:57	09/18/2020 13:04	TMP
								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	09/18/2020 06:57	09/18/2020 13:04	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	0.0019	0.0038	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:04	TMP
								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	09/18/2020 06:57	09/18/2020 13:04	TMP
								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	09/18/2020 06:57	09/18/2020 13:04	TMP
								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	09/18/2020 06:57	09/18/2020 13:04	TMP
								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	09/18/2020 06:57	09/18/2020 13:04	TMP
								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	09/18/2020 06:57	09/18/2020 13:04	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:04	TMP
								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	09/18/2020 06:57	09/18/2020 13:04	TMP
								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	09/18/2020 06:57	09/18/2020 13:04	TMP
								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	09/18/2020 06:57	09/18/2020 13:04	TMP
								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	09/18/2020 06:57	09/18/2020 13:04	TMP
								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	09/18/2020 06:57	09/18/2020 13:04	TMP
								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	09/18/2020 06:57	09/18/2020 13:04	TMP
								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	09/18/2020 06:57	09/18/2020 13:04	TMP
								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	09/18/2020 06:57	09/18/2020 13:04	TMP
								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	09/18/2020 06:57	09/18/2020 13:04	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.038	0.075	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:04	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:04	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SW02_56 **York Sample ID:** 20I0812-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Soil	September 17, 2020 8:00 am	09/17/2020

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	09/18/2020 06:57	09/18/2020 13:04	TMP
								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	09/18/2020 06:57	09/18/2020 13:04	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.0064**	J	mg/kg dry	0.0038	0.0075	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:04	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:04	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:04	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:04	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:04	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:04	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:04	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:04	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:04	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:04	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:04	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:04	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:04	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:04	TMP
								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	09/18/2020 06:57	09/18/2020 13:04	TMP
								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	09/18/2020 06:57	09/18/2020 13:04	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:04	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:04	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:04	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:04	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SW02_56 **York Sample ID:** 20I0812-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Soil	September 17, 2020 8:00 am	09/17/2020

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	09/18/2020 06:57	09/18/2020 13:04	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:04	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:04	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:04	TMP
								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	09/18/2020 06:57	09/18/2020 13:04	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:04	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:04	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:04	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:04	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:04	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:04	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:04	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:04	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:04	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:04	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:04	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:04	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:04	TMP
								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	09/18/2020 06:57	09/18/2020 13:04	TMP
								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	09/18/2020 06:57	09/18/2020 13:04	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:04	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:04	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SW02_56 **York Sample ID:** 20I0812-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Soil	September 17, 2020 8:00 am	09/17/2020

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	09/18/2020 06:57	09/18/2020 13:04	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:04	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*110 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.1 %*	*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	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SW02_56 **York Sample ID:** 20I0812-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Soil	September 17, 2020 8:00 am	09/17/2020

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	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.176	0.353	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.0591**	J	mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.176	0.353	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.123**		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SW02_56 **York Sample ID:** 20I0812-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Soil	September 17, 2020 8:00 am	09/17/2020

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**	**0.127**		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	**Benzo(b)fluoranthene**	**0.0972**		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	**Benzo(g,h,i)perylene**	**0.0711**	J	mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	**Benzo(k)fluoranthene**	**0.105**		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0500**	J	mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
105-60-2	Caprolactam	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
86-74-8	Carbazole	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
218-01-9	**Chrysene**	**0.131**		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
122-39-4	Diphenylamine	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
206-44-0	**Fluoranthene**	**0.276**		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SW02_56 **York Sample ID:** 20I0812-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Soil	September 17, 2020 8:00 am	09/17/2020

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	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0782**	J	mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.206**		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.246**		mg/kg dry	0.0441	0.0881	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.176	0.353	2	EPA 8270D	09/23/2020 08:15	09/23/2020 17:35	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*62.1 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*65.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*66.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*85.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*81.5 %*	*24-116*

Sample Information

Client Sample ID: SW02_56 **York Sample ID:** 20I0812-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Soil	September 17, 2020 8:00 am	09/17/2020

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	09/23/2020 07:30	09/24/2020 05:24	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00173	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:24	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00173	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:24	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:24	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:24	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:24	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:24	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	Chlordane, total	ND		mg/kg dry	0.0345	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:24	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:24	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:24	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00173	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:24	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00173	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:24	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00173	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:24	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00173	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:24	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00173	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:24	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00173	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:24	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00173	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:24	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:24	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00173	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:24	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00173	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:24	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00863	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:24	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SW02_56 **York Sample ID:** 20I0812-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Soil	September 17, 2020 8:00 am	09/17/2020

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
8001-35-2	Toxaphene	ND		mg/kg dry	0.0873	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:24	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*81.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*64.7 %*	*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**	**10300**		mg/kg dry	5.32	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.66	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.59	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**62.0**		mg/kg dry	2.66	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.053	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.319	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**3670**		mg/kg dry	5.32	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**24.6**		mg/kg dry	0.532	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**10.2**		mg/kg dry	0.425	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**26.6**		mg/kg dry	2.13	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**19100**		mg/kg dry	26.6	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**54.7**		mg/kg dry	0.532	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3970**		mg/kg dry	5.32	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**452**		mg/kg dry	0.532	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**40.9**		mg/kg dry	1.06	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1710**		mg/kg dry	5.32	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SW02_56 **York Sample ID:** 20I0812-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Soil	September 17, 2020 8:00 am	09/17/2020

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
7782-49-2	Selenium	ND		mg/kg dry	2.66	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:49	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.532	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:49	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**196**		mg/kg dry	53.2	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:49	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.66	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:49	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**33.3**		mg/kg dry	1.06	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:49	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**52.1**		mg/kg dry	2.66	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:49	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**	**0.0379**		mg/kg dry	0.0319	1	EPA 7473	09/23/2020 11:46	09/23/2020 16:36	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	0.532	1	EPA 7196A	09/22/2020 08:43	09/22/2020 14:22	SK
							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**	**24.6**		mg/kg	0.500	1	Calculation	09/24/2020 15:13	09/24/2020 15:18	PAM
							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	0.532	1	EPA 9014/9010C	09/22/2020 14:37	09/22/2020 21:56	MAO
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

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

Sample Information

Client Sample ID: SW02_56 **York Sample ID:** 20I0812-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Soil	September 17, 2020 8:00 am	09/17/2020

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	94.1		%	0.100	1	SM 2540G	09/18/2020 08:36	09/18/2020 16:09	SK
							Certifications: CTDOH			

Sample Information

Client Sample ID: TB01_091720 **York Sample ID:** 20I0812-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Water	September 17, 2020 10:00 am	09/17/2020

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	09/18/2020 06:37	09/18/2020 12:30	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	09/18/2020 06:37	09/18/2020 12:30	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	09/18/2020 06:37	09/18/2020 12:30	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	09/18/2020 06:37	09/18/2020 12:30	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	09/18/2020 06:37	09/18/2020 12:30	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	09/18/2020 06:37	09/18/2020 12:30	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	09/18/2020 06:37	09/18/2020 12:30	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	09/18/2020 06:37	09/18/2020 12:30	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	09/18/2020 06:37	09/18/2020 12:30	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	09/18/2020 06:37	09/18/2020 12:30	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	09/18/2020 06:37	09/18/2020 12:30	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	09/18/2020 06:37	09/18/2020 12:30	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	09/18/2020 06:37	09/18/2020 12:30	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	09/18/2020 06:37	09/18/2020 12:30	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	09/18/2020 06:37	09/18/2020 12:30	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	09/18/2020 06:37	09/18/2020 12:30	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	09/18/2020 06:37	09/18/2020 12:30	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	09/18/2020 06:37	09/18/2020 12:30	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	09/18/2020 06:37	09/18/2020 12:30	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	09/18/2020 06:37	09/18/2020 12:30	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	09/18/2020 06:37	09/18/2020 12:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB01_091720 **York Sample ID:** 20I0812-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Water	September 17, 2020 10:00 am	09/17/2020

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	09/18/2020 06:37	09/18/2020 12:30	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	09/18/2020 06:37	09/18/2020 12:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	09/18/2020 06:37	09/18/2020 12:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	09/18/2020 06:37	09/18/2020 12:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	09/18/2020 06:37	09/18/2020 12:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/18/2020 06:37	09/18/2020 12:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/18/2020 06:37	09/18/2020 12:30	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/18/2020 06:37	09/18/2020 12:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	09/18/2020 06:37	09/18/2020 12:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/18/2020 06:37	09/18/2020 12:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	09/18/2020 06:37	09/18/2020 12:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	09/18/2020 06:37	09/18/2020 12:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/18/2020 06:37	09/18/2020 12:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/18/2020 06:37	09/18/2020 12:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	**Chloroform**	**0.320**		ug/L	0.200	0.500	1	EPA 8260C	09/18/2020 06:37	09/18/2020 12:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/18/2020 06:37	09/18/2020 12:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	**cis-1,2-Dichloroethylene**	**0.450**	CCV-E, B	ug/L	0.200	0.500	1	EPA 8260C	09/18/2020 06:37	09/18/2020 12:30	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	09/18/2020 06:37	09/18/2020 12:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/18/2020 06:37	09/18/2020 12:30	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/18/2020 06:37	09/18/2020 12:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/18/2020 06:37	09/18/2020 12:30	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/18/2020 06:37	09/18/2020 12:30	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB01_091720 **York Sample ID:** 20I0812-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Water	September 17, 2020 10:00 am	09/17/2020

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	09/18/2020 06:37	09/18/2020 12:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/18/2020 06:37	09/18/2020 12:30	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/18/2020 06:37	09/18/2020 12:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	09/18/2020 06:37	09/18/2020 12:30	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	09/18/2020 06:37	09/18/2020 12:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/18/2020 06:37	09/18/2020 12:30	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	09/18/2020 06:37	09/18/2020 12:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/18/2020 06:37	09/18/2020 12:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/18/2020 06:37	09/18/2020 12:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/18/2020 06:37	09/18/2020 12:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	09/18/2020 06:37	09/18/2020 12:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/18/2020 06:37	09/18/2020 12:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/18/2020 06:37	09/18/2020 12:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/18/2020 06:37	09/18/2020 12:30	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	09/18/2020 06:37	09/18/2020 12:30	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/18/2020 06:37	09/18/2020 12:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	**Tetrachloroethylene**	**0.940**	CCV-E, QL-02, B	ug/L	0.200	0.500	1	EPA 8260C	09/18/2020 06:37	09/18/2020 12:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/18/2020 06:37	09/18/2020 12:30	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	09/18/2020 06:37	09/18/2020 12:30	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	09/18/2020 06:37	09/18/2020 12:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	09/18/2020 06:37	09/18/2020 12:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB01_091720 **York Sample ID:** 20I0812-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Water	September 17, 2020 10:00 am	09/17/2020

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
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	09/18/2020 06:37	09/18/2020 12:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	09/18/2020 06:37	09/18/2020 12:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	09/18/2020 06:37	09/18/2020 12:30	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.4 %*	*79-122*

Sample Information

Client Sample ID: EP20_EL54 **York Sample ID:** 20I0812-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Soil	September 17, 2020 11:00 am	09/17/2020

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	09/18/2020 06:57	09/18/2020 13:31	TMP
								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	09/18/2020 06:57	09/18/2020 13:31	TMP
								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	09/18/2020 06:57	09/18/2020 13:31	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	0.0023	0.0046	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:31	TMP
								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	09/18/2020 06:57	09/18/2020 13:31	TMP
								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	09/18/2020 06:57	09/18/2020 13:31	TMP
								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	09/18/2020 06:57	09/18/2020 13:31	TMP
								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	09/18/2020 06:57	09/18/2020 13:31	TMP
								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	09/18/2020 06:57	09/18/2020 13:31	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:31	TMP
								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	09/18/2020 06:57	09/18/2020 13:31	TMP
								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	09/18/2020 06:57	09/18/2020 13:31	TMP
								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	09/18/2020 06:57	09/18/2020 13:31	TMP
								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	09/18/2020 06:57	09/18/2020 13:31	TMP
								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	09/18/2020 06:57	09/18/2020 13:31	TMP
								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	09/18/2020 06:57	09/18/2020 13:31	TMP
								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	09/18/2020 06:57	09/18/2020 13:31	TMP
								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	09/18/2020 06:57	09/18/2020 13:31	TMP
								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	09/18/2020 06:57	09/18/2020 13:31	TMP
								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	09/18/2020 06:57	09/18/2020 13:31	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:31	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:31	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP20_EL54 **York Sample ID:** 20I0812-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Soil	September 17, 2020 11:00 am	09/17/2020

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
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:31	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:31	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:31	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:31	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:31	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:31	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:31	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:31	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:31	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:31	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:31	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:31	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:31	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:31	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:31	TMP
								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	09/18/2020 06:57	09/18/2020 13:31	TMP
								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	09/18/2020 06:57	09/18/2020 13:31	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:31	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:31	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:31	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:31	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:31	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP20_EL54 **York Sample ID:** 20I0812-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Soil	September 17, 2020 11:00 am	09/17/2020

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
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:31	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:31	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:31	TMP
								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	09/18/2020 06:57	09/18/2020 13:31	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:31	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:31	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:31	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:31	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:31	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:31	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:31	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:31	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:31	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:31	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:31	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:31	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:31	TMP
								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	09/18/2020 06:57	09/18/2020 13:31	TMP
								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	09/18/2020 06:57	09/18/2020 13:31	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:31	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:31	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:31	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP20_EL54 **York Sample ID:** 20I0812-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Soil	September 17, 2020 11:00 am	09/17/2020

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
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0069	0.014	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:31	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*110 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.8 %*	*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	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0846	0.169	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0846	0.169	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0846	0.169	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP20_EL54 **York Sample ID:** 20I0812-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Soil	September 17, 2020 11:00 am	09/17/2020

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
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0846	0.169	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0846	0.169	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0846	0.169	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0846	0.169	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0846	0.169	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.169	0.339	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.169	0.339	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.0947**		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**0.0791**	J	mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP20_EL54 **York Sample ID:** 20I0812-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Soil	September 17, 2020 11:00 am	09/17/2020

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
205-99-2	**Benzo(b)fluoranthene**	**0.0724**	J	mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.0487**	J	mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.0697**	J	mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0846	0.169	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.0859**		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0846	0.169	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.179**		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP20_EL54 **York Sample ID:** 20I0812-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Soil	September 17, 2020 11:00 am	09/17/2020

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
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.131**		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.171**		mg/kg dry	0.0424	0.0846	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.169	0.339	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*53.6 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*58.5 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*56.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*62.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*72.1 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*73.0 %*	*24-116*

Pesticides, 8081 target list

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

Sample Information

Client Sample ID: EP20_EL54 **York Sample ID:** 20I0812-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Soil	September 17, 2020 11:00 am	09/17/2020

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	0.00166	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:41	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00166	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:41	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00166	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:41	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00166	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:41	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00166	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:41	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00166	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:41	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00166	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:41	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	Chlordane, total	ND		mg/kg dry	0.0331	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:41	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00166	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:41	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00166	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:41	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00166	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:41	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00166	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:41	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00166	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:41	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00166	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:41	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00166	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:41	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00166	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:41	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00166	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:41	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00166	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:41	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00166	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:41	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00166	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:41	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00829	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:41	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0839	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:41	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP20_EL54 **York Sample ID:** 20I0812-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Soil	September 17, 2020 11:00 am	09/17/2020

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
	Surrogate Recoveries	**Result**		**Acceptance Range**						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*76.6 %*		*30-150*						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.1 %*		*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**	**9420**		mg/kg dry	5.11	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.55	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.53	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**60.6**		mg/kg dry	2.55	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.051	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.306	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**3600**		mg/kg dry	5.11	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**23.5**		mg/kg dry	0.511	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**10.7**		mg/kg dry	0.408	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**27.6**		mg/kg dry	2.04	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**18600**		mg/kg dry	25.5	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**59.5**		mg/kg dry	0.511	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3400**		mg/kg dry	5.11	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**461**		mg/kg dry	0.511	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**41.4**		mg/kg dry	1.02	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1380**		mg/kg dry	5.11	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.55	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP20_EL54 **York Sample ID:** 20I0812-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Soil	September 17, 2020 11:00 am	09/17/2020

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
7440-22-4	Silver	ND		mg/kg dry	0.511	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:52	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**186**		mg/kg dry	51.1	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:52	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.55	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:52	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**35.1**		mg/kg dry	1.02	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:52	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**47.8**		mg/kg dry	2.55	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:52	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**	**0.0337**		mg/kg dry	0.0306	1	EPA 7473	09/23/2020 11:46	09/23/2020 16:43	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	0.511	1	EPA 7196A	09/22/2020 08:43	09/22/2020 14:22	SK
							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**	**23.5**		mg/kg	0.500	1	Calculation	09/24/2020 15:13	09/24/2020 15:18	PAM
							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	0.511	1	EPA 9014/9010C	09/22/2020 14:37	09/22/2020 21:56	MAO
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

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

Sample Information

Client Sample ID: **EP20_EL54** **York Sample ID:** **20I0812-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Soil	September 17, 2020 11:00 am	09/17/2020

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**97.9**		%	0.100	1	SM 2540G	09/18/2020 08:36	09/18/2020 16:09	SK
							Certifications: CTDOH			

Sample Information

Client Sample ID: EP24_EL54 **York Sample ID:** 20I0812-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Soil	September 17, 2020 12:00 pm	09/17/2020

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	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	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	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	**1,2,4-Trimethylbenzene**	**0.0025**	J	mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	**1,3,5-Trimethylbenzene**	**0.0066**		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.039	0.078	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP24_EL54 **York Sample ID:** 20I0812-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Soil	September 17, 2020 12:00 pm	09/17/2020

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	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.038**		mg/kg dry	0.0039	0.0078	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP24_EL54 **York Sample ID:** 20I0812-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Soil	September 17, 2020 12:00 pm	09/17/2020

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	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	**n-Butylbenzene**	**0.0036**	J	mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	**o-Xylene**	**0.0019**	J	mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP24_EL54 **York Sample ID:** 20I0812-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Soil	September 17, 2020 12:00 pm	09/17/2020

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	0.0039	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	09/18/2020 06:57	09/18/2020 13:58	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*111 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.6 %*	*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	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	**2-Methylnaphthalene**	**0.0508**	J	mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP24_EL54 **York Sample ID:** 20I0812-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Soil	September 17, 2020 12:00 pm	09/17/2020

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	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**0.0807**	J	mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.174	0.348	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.182**		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.174	0.348	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.236**		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP24_EL54 **York Sample ID:** 20I0812-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Soil	September 17, 2020 12:00 pm	09/17/2020

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**	**0.213**		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	**Benzo(b)fluoranthene**	**0.174**		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	**Benzo(g,h,i)perylene**	**0.126**		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	**Benzo(k)fluoranthene**	**0.178**		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
105-60-2	Caprolactam	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
86-74-8	**Carbazole**	**0.0619**	J	mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
218-01-9	**Chrysene**	**0.218**		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
132-64-9	**Dibenzofuran**	**0.0709**	J	mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
122-39-4	Diphenylamine	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
206-44-0	**Fluoranthene**	**0.560**		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: EP24_EL54 **York Sample ID:** 20I0812-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Soil	September 17, 2020 12:00 pm	09/17/2020

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**	**0.0800**	J	mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.135**		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
78-59-1	Isophorone	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	**Naphthalene**	**0.153**		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
85-01-8	**Phenanthrene**	**0.664**		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**0.499**		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND		mg/kg dry	0.174	0.348	2	EPA 8270D	09/23/2020 08:15	09/23/2020 18:34	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*57.0 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*58.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*61.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*62.9 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*74.3 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*75.8 %*	*24-116*

Sample Information

Client Sample ID: EP24_EL54 **York Sample ID:** 20I0812-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Soil	September 17, 2020 12:00 pm	09/17/2020

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	0.00170	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:58	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00170	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:58	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00170	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:58	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00170	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:58	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:58	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00170	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:58	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:58	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	Chlordane, total	ND		mg/kg dry	0.0340	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:58	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:58	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00170	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:58	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00170	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:58	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00170	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:58	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00170	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:58	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00170	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:58	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00170	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:58	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00170	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:58	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00170	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:58	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00170	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:58	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00170	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:58	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00170	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:58	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00849	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:58	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP24_EL54 **York Sample ID:** 20I0812-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Soil	September 17, 2020 12:00 pm	09/17/2020

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
8001-35-2	Toxaphene	ND		mg/kg dry	0.0859	5	EPA 8081B	09/23/2020 07:30	09/24/2020 05:58	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*85.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.9 %*	*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**	**9810**		mg/kg dry	5.23	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.62	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.57	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**60.2**		mg/kg dry	2.62	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.052	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.314	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**4360**		mg/kg dry	5.23	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**24.5**		mg/kg dry	0.523	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**10.0**		mg/kg dry	0.419	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**25.4**		mg/kg dry	2.09	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**17700**		mg/kg dry	26.2	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**58.5**		mg/kg dry	0.523	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3580**		mg/kg dry	5.23	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**414**		mg/kg dry	0.523	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**37.8**		mg/kg dry	1.05	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1480**		mg/kg dry	5.23	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP24_EL54 **York Sample ID:** 20I0812-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Soil	September 17, 2020 12:00 pm	09/17/2020

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
7782-49-2	Selenium	ND		mg/kg dry	2.62	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.523	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**212**		mg/kg dry	52.3	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.62	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**33.2**		mg/kg dry	1.05	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**49.4**		mg/kg dry	2.62	1	EPA 6010D	09/18/2020 07:39	09/23/2020 13:54	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**	**0.0331**		mg/kg dry	0.0314	1	EPA 7473	09/23/2020 11:46	09/23/2020 16:51	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	0.523	1	EPA 7196A	09/22/2020 08:43	09/22/2020 14:22	SK
							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**	**24.5**		mg/kg	0.500	1	Calculation	09/24/2020 15:13	09/24/2020 15:18	PAM
							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	0.523	1	EPA 9014/9010C	09/22/2020 14:37	09/22/2020 21:56	MAO
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

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

Sample Information

Client Sample ID: **EP24_EL54** **York Sample ID:** **20I0812-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0812	170384501	Soil	September 17, 2020 12:00 pm	09/17/2020

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.6**		%	0.100	1	SM 2540G	09/18/2020 08:36	09/18/2020 16:09	SK
							Certifications: CTDOH			

Analytical Batch Summary

Batch ID: BI01002 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20I0812-01	SW01_56	09/18/20
20I0812-02	SW02_56	09/18/20
20I0812-04	EP20_EL54	09/18/20
20I0812-05	EP24_EL54	09/18/20
BI01002-BLK1	Blank	09/18/20
BI01002-DUP1	Duplicate	09/18/20
BI01002-MS1	Matrix Spike	09/18/20
BI01002-PS1	Post Spike	09/18/20
BI01002-SRM1	Reference	09/18/20

Batch ID: BI01018 **Preparation Method:** % Solids Prep **Prepared By:** SK

YORK Sample ID	Client Sample ID	Preparation Date
20I0812-01	SW01_56	09/18/20
20I0812-02	SW02_56	09/18/20
20I0812-04	EP20_EL54	09/18/20
20I0812-05	EP24_EL54	09/18/20
BI01018-DUP1	Duplicate	09/18/20

Batch ID: BI01085 **Preparation Method:** EPA 5030B **Prepared By:** TMP

YORK Sample ID	Client Sample ID	Preparation Date
20I0812-03	TB01_091720	09/18/20
BI01085-BLK1	Blank	09/18/20
BI01085-BS1	LCS	09/18/20
BI01085-BSD1	LCS Dup	09/18/20

Batch ID: BI01086 **Preparation Method:** EPA 5035A **Prepared By:** TMP

YORK Sample ID	Client Sample ID	Preparation Date
20I0812-01	SW01_56	09/18/20
20I0812-02	SW02_56	09/18/20
20I0812-04	EP20_EL54	09/18/20
20I0812-05	EP24_EL54	09/18/20
BI01086-BLK1	Blank	09/18/20
BI01086-BLK3	Blank	09/18/20
BI01086-BS1	LCS	09/18/20
BI01086-BSD1	LCS Dup	09/18/20

Batch ID: BI01116 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAG

YORK Sample ID	Client Sample ID	Preparation Date
20I0812-01	SW01_56	09/21/20

BI01116-BLK1	Blank	09/21/20
BI01116-DUP1	Duplicate	09/21/20
BI01116-MS1	Matrix Spike	09/21/20
BI01116-SRM1	Reference	09/21/20

Batch ID: BI01196 **Preparation Method:** EPA SW846-3060 **Prepared By:** SK

YORK Sample ID	Client Sample ID	Preparation Date
20I0812-02	SW02_56	09/22/20
20I0812-04	EP20_EL54	09/22/20
20I0812-05	EP24_EL54	09/22/20
BI01196-BLK1	Blank	09/22/20
BI01196-DUP1	Duplicate	09/22/20
BI01196-MS1	Matrix Spike	09/22/20
BI01196-SRM1	Reference	09/22/20

Batch ID: BI01230 **Preparation Method:** Analysis Preparation Soil **Prepared By:** MAO

YORK Sample ID	Client Sample ID	Preparation Date
20I0812-01	SW01_56	09/22/20
20I0812-02	SW02_56	09/22/20
20I0812-04	EP20_EL54	09/22/20
20I0812-05	EP24_EL54	09/22/20
BI01230-BLK1	Blank	09/22/20
BI01230-DUP1	Duplicate	09/22/20
BI01230-MS1	Matrix Spike	09/22/20
BI01230-SRM1	Reference	09/22/20

Batch ID: BI01264 **Preparation Method:** EPA 3550C **Prepared By:** TSS

YORK Sample ID	Client Sample ID	Preparation Date
20I0812-01	SW01_56	09/23/20
20I0812-02	SW02_56	09/23/20
20I0812-04	EP20_EL54	09/23/20
20I0812-05	EP24_EL54	09/23/20
BI01264-BLK1	Blank	09/23/20
BI01264-BS1	LCS	09/23/20
BI01264-MS1	Matrix Spike	09/23/20
BI01264-MSD1	Matrix Spike Dup	09/23/20

Batch ID: BI01268 **Preparation Method:** EPA 3550C **Prepared By:** PD

YORK Sample ID	Client Sample ID	Preparation Date
20I0812-01	SW01_56	09/23/20
20I0812-02	SW02_56	09/23/20
20I0812-04	EP20_EL54	09/23/20
20I0812-05	EP24_EL54	09/23/20
BI01268-BLK1	Blank	09/23/20
BI01268-BS1	LCS	09/23/20

BI01268-MS1	Matrix Spike	09/23/20
BI01268-MSD1	Matrix Spike Dup	09/23/20

Batch ID: BI01297 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20I0812-01	SW01_56	09/23/20
20I0812-02	SW02_56	09/23/20
20I0812-04	EP20_EL54	09/23/20
20I0812-05	EP24_EL54	09/23/20
BI01297-BLK1	Blank	09/23/20
BI01297-DUP1	Duplicate	09/23/20
BI01297-MS1	Matrix Spike	09/23/20
BI01297-SRM1	Reference	09/23/20

Batch ID: BI01424 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
20I0812-01	SW01_56	09/24/20
20I0812-02	SW02_56	09/24/20
20I0812-04	EP20_EL54	09/24/20
20I0812-05	EP24_EL54	09/24/20

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 BI01085 - EPA 5030B											
Blank (BI01085-BLK1)											
Prepared & Analyzed: 09/18/2020											
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	0.530	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 BI01085 - EPA 5030B											
Blank (BI01085-BLK1)									Prepared & Analyzed: 09/18/2020		
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	1.11	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	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				
LCS (BI01085-BS1)									Prepared & Analyzed: 09/18/2020		
1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	82-126				
1,1,1-Trichloroethane	10.2		"	10.0		102	78-136				
1,1,2,2-Tetrachloroethane	10.3		"	10.0		103	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0		103	54-165				
1,1,2-Trichloroethane	9.35		"	10.0		93.5	82-123				
1,1-Dichloroethane	9.35		"	10.0		93.5	82-129				
1,1-Dichloroethylene	9.74		"	10.0		97.4	68-138				
1,2,3-Trichlorobenzene	8.35		"	10.0		83.5	76-136				
1,2,3-Trichloropropane	9.98		"	10.0		99.8	77-128				
1,2,4-Trichlorobenzene	9.15		"	10.0		91.5	76-137				
1,2,4-Trimethylbenzene	11.8		"	10.0		118	82-132				
1,2-Dibromo-3-chloropropane	9.81		"	10.0		98.1	45-147				
1,2-Dibromoethane	9.47		"	10.0		94.7	83-124				
1,2-Dichlorobenzene	11.1		"	10.0		111	79-123				
1,2-Dichloroethane	8.86		"	10.0		88.6	73-132				
1,2-Dichloropropane	9.34		"	10.0		93.4	78-126				
1,3,5-Trimethylbenzene	12.1		"	10.0		121	80-131				
1,3-Dichlorobenzene	11.0		"	10.0		110	86-122				
1,4-Dichlorobenzene	11.1		"	10.0		111	85-124				
1,4-Dioxane	224		"	210		106	10-349				
2-Butanone	7.73		"	10.0		77.3	49-152				
2-Hexanone	8.32		"	10.0		83.2	51-146				
4-Methyl-2-pentanone	7.94		"	10.0		79.4	57-145				
Acetone	8.54		"	10.0		85.4	14-150				
Acrolein	4.23		"	10.0		42.3	10-153				
Acrylonitrile	7.17		"	10.0		71.7	51-150				
Benzene	9.58		"	10.0		95.8	85-126				
Bromochloromethane	8.32		"	10.0		83.2	77-128				
Bromodichloromethane	9.96		"	10.0		99.6	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 BI01085 - EPA 5030B											
LCS (BI01085-BS1)								Prepared & Analyzed: 09/18/2020			
Bromoform	9.45		ug/L	10.0		94.5	78-133				
Bromomethane	3.14		"	10.0		31.4	43-168	Low Bias			
Carbon disulfide	9.93		"	10.0		99.3	68-146				
Carbon tetrachloride	10.2		"	10.0		102	77-141				
Chlorobenzene	10.2		"	10.0		102	88-120				
Chloroethane	11.2		"	10.0		112	65-136				
Chloroform	9.71		"	10.0		97.1	82-128				
Chloromethane	7.63		"	10.0		76.3	43-155				
cis-1,2-Dichloroethylene	11.5		"	10.0		115	83-129				
cis-1,3-Dichloropropylene	9.71		"	10.0		97.1	80-131				
Cyclohexane	10.0		"	10.0		100	63-149				
Dibromochloromethane	9.84		"	10.0		98.4	80-130				
Dibromomethane	9.04		"	10.0		90.4	72-134				
Dichlorodifluoromethane	7.74		"	10.0		77.4	44-144				
Ethyl Benzene	10.8		"	10.0		108	80-131				
Hexachlorobutadiene	9.01		"	10.0		90.1	67-146				
Isopropylbenzene	12.1		"	10.0		121	76-140				
Methyl acetate	7.88		"	10.0		78.8	51-139				
Methyl tert-butyl ether (MTBE)	8.48		"	10.0		84.8	76-135				
Methylcyclohexane	10.7		"	10.0		107	72-143				
Methylene chloride	8.70		"	10.0		87.0	55-137				
n-Butylbenzene	11.2		"	10.0		112	79-132				
n-Propylbenzene	11.9		"	10.0		119	78-133				
o-Xylene	10.6		"	10.0		106	78-130				
p- & m- Xylenes	21.7		"	20.0		109	77-133				
p-Isopropyltoluene	11.7		"	10.0		117	81-136				
sec-Butylbenzene	12.5		"	10.0		125	79-137				
Styrene	10.9		"	10.0		109	67-132				
tert-Butyl alcohol (TBA)	32.5		"	50.0		65.0	25-162				
tert-Butylbenzene	10.4		"	10.0		104	77-138				
Tetrachloroethylene	15.2		"	10.0		152	82-131	High Bias			
Toluene	10.4		"	10.0		104	80-127				
trans-1,2-Dichloroethylene	9.76		"	10.0		97.6	80-132				
trans-1,3-Dichloropropylene	9.17		"	10.0		91.7	78-131				
Trichloroethylene	11.2		"	10.0		112	82-128				
Trichlorofluoromethane	9.91		"	10.0		99.1	67-139				
Vinyl Chloride	9.34		"	10.0		93.4	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.24*		*"*	*10.0*		*92.4*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.5*		*"*	*10.0*		*105*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.7*		*"*	*10.0*		*107*	*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 BI01085 - EPA 5030B											
LCS Dup (BI01085-BSD1)								Prepared & Analyzed: 09/18/2020			
1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	82-126		0.195	30	
1,1,1-Trichloroethane	9.91		"	10.0		99.1	78-136		2.39	30	
1,1,2,2-Tetrachloroethane	10.4		"	10.0		104	76-129		0.963	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.67		"	10.0		96.7	54-165		6.31	30	
1,1,2-Trichloroethane	9.83		"	10.0		98.3	82-123		5.01	30	
1,1-Dichloroethane	9.09		"	10.0		90.9	82-129		2.82	30	
1,1-Dichloroethylene	9.13		"	10.0		91.3	68-138		6.47	30	
1,2,3-Trichlorobenzene	8.17		"	10.0		81.7	76-136		2.18	30	
1,2,3-Trichloropropane	10.4		"	10.0		104	77-128		4.60	30	
1,2,4-Trichlorobenzene	9.05		"	10.0		90.5	76-137		1.10	30	
1,2,4-Trimethylbenzene	10.5		"	10.0		105	82-132		12.0	30	
1,2-Dibromo-3-chloropropane	9.29		"	10.0		92.9	45-147		5.45	30	
1,2-Dibromoethane	9.85		"	10.0		98.5	83-124		3.93	30	
1,2-Dichlorobenzene	10.3		"	10.0		103	79-123		7.67	30	
1,2-Dichloroethane	9.47		"	10.0		94.7	73-132		6.66	30	
1,2-Dichloropropane	9.35		"	10.0		93.5	78-126		0.107	30	
1,3,5-Trimethylbenzene	10.4		"	10.0		104	80-131		15.2	30	
1,3-Dichlorobenzene	9.99		"	10.0		99.9	86-122		9.35	30	
1,4-Dichlorobenzene	10.1		"	10.0		101	85-124		9.63	30	
1,4-Dioxane	229		"	210		109	10-349		2.29	30	
2-Butanone	10.1		"	10.0		101	49-152		26.3	30	
2-Hexanone	9.58		"	10.0		95.8	51-146		14.1	30	
4-Methyl-2-pentanone	8.95		"	10.0		89.5	57-145		12.0	30	
Acetone	9.56		"	10.0		95.6	14-150		11.3	30	
Acrolein	4.08		"	10.0		40.8	10-153		3.61	30	
Acrylonitrile	8.88		"	10.0		88.8	51-150		21.3	30	
Benzene	9.45		"	10.0		94.5	85-126		1.37	30	
Bromochloromethane	8.68		"	10.0		86.8	77-128		4.24	30	
Bromodichloromethane	10.1		"	10.0		101	79-128		1.79	30	
Bromoform	10.1		"	10.0		101	78-133		6.45	30	
Bromomethane	3.12		"	10.0		31.2	43-168	Low Bias	0.639	30	
Carbon disulfide	9.03		"	10.0		90.3	68-146		9.49	30	
Carbon tetrachloride	9.78		"	10.0		97.8	77-141		4.69	30	
Chlorobenzene	10.1		"	10.0		101	88-120		1.48	30	
Chloroethane	10.5		"	10.0		105	65-136		6.74	30	
Chloroform	9.47		"	10.0		94.7	82-128		2.50	30	
Chloromethane	7.07		"	10.0		70.7	43-155		7.62	30	
cis-1,2-Dichloroethylene	10.2		"	10.0		102	83-129		11.9	30	
cis-1,3-Dichloropropylene	9.98		"	10.0		99.8	80-131		2.74	30	
Cyclohexane	9.44		"	10.0		94.4	63-149		5.96	30	
Dibromochloromethane	10.7		"	10.0		107	80-130		8.37	30	
Dibromomethane	9.48		"	10.0		94.8	72-134		4.75	30	
Dichlorodifluoromethane	7.24		"	10.0		72.4	44-144		6.68	30	
Ethyl Benzene	10.4		"	10.0		104	80-131		4.62	30	
Hexachlorobutadiene	8.49		"	10.0		84.9	67-146		5.94	30	
Isopropylbenzene	10.3		"	10.0		103	76-140		16.2	30	
Methyl acetate	8.91		"	10.0		89.1	51-139		12.3	30	
Methyl tert-butyl ether (MTBE)	9.76		"	10.0		97.6	76-135		14.0	30	
Methylcyclohexane	10.0		"	10.0		100	72-143		6.67	30	
Methylene chloride	8.81		"	10.0		88.1	55-137		1.26	30	
n-Butylbenzene	10.1		"	10.0		101	79-132		11.1	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 BI01085 - EPA 5030B											
LCS Dup (BI01085-BSD1)								Prepared & Analyzed: 09/18/2020			
n-Propylbenzene	10.3		ug/L	10.0		103	78-133		14.6	30	
o-Xylene	10.3		"	10.0		103	78-130		2.68	30	
p- & m- Xylenes	20.6		"	20.0		103	77-133		5.14	30	
p-Isopropyltoluene	10.3		"	10.0		103	81-136		12.9	30	
sec-Butylbenzene	10.8		"	10.0		108	79-137		14.6	30	
Styrene	10.8		"	10.0		108	67-132		0.369	30	
tert-Butyl alcohol (TBA)	38.1		"	50.0		76.2	25-162		15.9	30	
tert-Butylbenzene	8.99		"	10.0		89.9	77-138		14.7	30	
Tetrachloroethylene	12.2		"	10.0		122	82-131		22.4	30	
Toluene	10.2		"	10.0		102	80-127		2.14	30	
trans-1,2-Dichloroethylene	9.39		"	10.0		93.9	80-132		3.86	30	
trans-1,3-Dichloropropylene	9.90		"	10.0		99.0	78-131		7.66	30	
Trichloroethylene	10.0		"	10.0		100	82-128		10.5	30	
Trichlorofluoromethane	9.73		"	10.0		97.3	67-139		1.83	30	
Vinyl Chloride	8.12		"	10.0		81.2	58-145		14.0	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*79-122*				
Batch BI01086 - EPA 5035A											
Blank (BI01086-BLK1)								Prepared & Analyzed: 09/18/2020			
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 BI01086 - EPA 5035A											
Blank (BI01086-BLK1)									Prepared & Analyzed: 09/18/2020		
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	*53.6*		*ug/L*	*50.0*		*107*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.0*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.2*		*"*	*50.0*		*96.4*	*76-130*				

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

Batch BI01086 - EPA 5035A

Blank (BI01086-BLK3)

Prepared & Analyzed: 09/18/2020

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 BI01086 - EPA 5035A											
Blank (BI01086-BLK3)									Prepared & Analyzed: 09/18/2020		
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	*55.4*		*ug/L*	*50.0*		*111*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.2*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.2*		*"*	*50.0*		*96.5*	*76-130*				
LCS (BI01086-BS1)									Prepared & Analyzed: 09/18/2020		
1,1,1,2-Tetrachloroethane	56.5		ug/L	50.0		113	75-129				
1,1,1-Trichloroethane	56.3		"	50.0		113	71-137				
1,1,2,2-Tetrachloroethane	52.6		"	50.0		105	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	56.8		"	50.0		114	58-146				
1,1,2-Trichloroethane	52.4		"	50.0		105	83-123				
1,1-Dichloroethane	50.3		"	50.0		101	75-130				
1,1-Dichloroethylene	55.7		"	50.0		111	64-137				
1,2,3-Trichlorobenzene	56.8		"	50.0		114	81-140				
1,2,3-Trichloropropane	55.4		"	50.0		111	81-126				
1,2,4-Trichlorobenzene	60.8		"	50.0		122	80-141				
1,2,4-Trimethylbenzene	57.6		"	50.0		115	84-125				
1,2-Dibromo-3-chloropropane	54.8		"	50.0		110	74-142				
1,2-Dibromoethane	52.0		"	50.0		104	86-123				
1,2-Dichlorobenzene	54.0		"	50.0		108	85-122				
1,2-Dichloroethane	52.1		"	50.0		104	71-133				
1,2-Dichloropropane	49.1		"	50.0		98.2	81-122				
1,3,5-Trimethylbenzene	57.5		"	50.0		115	82-126				
1,3-Dichlorobenzene	55.7		"	50.0		111	84-124				
1,4-Dichlorobenzene	55.4		"	50.0		111	84-124				
1,4-Dioxane	1090		"	1050		104	10-228				
2-Butanone	52.6		"	50.0		105	58-147				
2-Hexanone	48.4		"	50.0		96.9	70-139				
4-Methyl-2-pentanone	49.1		"	50.0		98.2	72-132				
Acetone	41.0		"	50.0		82.0	36-155				
Acrolein	25.1		"	50.0		50.1	10-238				
Acrylonitrile	48.3		"	50.0		96.6	66-141				
Benzene	52.5		"	50.0		105	77-127				
Bromochloromethane	48.8		"	50.0		97.6	74-129				
Bromodichloromethane	55.2		"	50.0		110	81-124				
Bromoform	57.0		"	50.0		114	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 BI01086 - EPA 5035A											
LCS (BI01086-BS1)							Prepared & Analyzed: 09/18/2020				
Bromomethane	70.7		ug/L	50.0		141	32-177				
Carbon disulfide	54.0		"	50.0		108	10-136				
Carbon tetrachloride	58.6		"	50.0		117	66-143				
Chlorobenzene	53.9		"	50.0		108	86-120				
Chloroethane	85.1		"	50.0		170	51-142	High Bias			
Chloroform	54.0		"	50.0		108	76-131				
Chloromethane	55.3		"	50.0		111	49-132				
cis-1,2-Dichloroethylene	52.3		"	50.0		105	74-132				
cis-1,3-Dichloropropylene	53.0		"	50.0		106	81-129				
Cyclohexane	51.3		"	50.0		103	70-130				
Dibromochloromethane	57.5		"	50.0		115	10-200				
Dibromomethane	50.0		"	50.0		100	83-124				
Dichlorodifluoromethane	69.1		"	50.0		138	28-158				
Ethyl Benzene	55.7		"	50.0		111	84-125				
Hexachlorobutadiene	59.6		"	50.0		119	83-133				
Isopropylbenzene	55.0		"	50.0		110	81-127				
Methyl acetate	44.2		"	50.0		88.4	41-143				
Methyl tert-butyl ether (MTBE)	51.8		"	50.0		104	74-131				
Methylcyclohexane	54.0		"	50.0		108	70-130				
Methylene chloride	50.7		"	50.0		101	57-141				
n-Butylbenzene	58.6		"	50.0		117	80-130				
n-Propylbenzene	55.8		"	50.0		112	74-136				
o-Xylene	54.2		"	50.0		108	83-123				
p- & m- Xylenes	110		"	100		110	82-128				
p-Isopropyltoluene	58.1		"	50.0		116	85-125				
sec-Butylbenzene	59.0		"	50.0		118	83-125				
Styrene	55.3		"	50.0		111	86-126				
tert-Butyl alcohol (TBA)	223		"	250		89.1	70-130				
tert-Butylbenzene	49.2		"	50.0		98.4	80-127				
Tetrachloroethylene	48.6		"	50.0		97.1	80-129				
Toluene	53.2		"	50.0		106	85-121				
trans-1,2-Dichloroethylene	53.8		"	50.0		108	72-132				
trans-1,3-Dichloropropylene	52.7		"	50.0		105	78-132				
Trichloroethylene	55.0		"	50.0		110	84-123				
Trichlorofluoromethane	66.3		"	50.0		133	62-140				
Vinyl Chloride	64.9		"	50.0		130	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.6*		*"*	*50.0*		*103*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.4*		*"*	*50.0*		*103*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.5*		*"*	*50.0*		*99.1*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

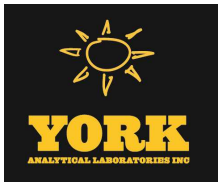
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI01086 - EPA 5035A											
LCS Dup (BI01086-BSD1)								Prepared & Analyzed: 09/18/2020			
1,1,1,2-Tetrachloroethane	59.1		ug/L	50.0		118	75-129		4.38	30	
1,1,1-Trichloroethane	58.3		"	50.0		117	71-137		3.51	30	
1,1,2,2-Tetrachloroethane	56.4		"	50.0		113	79-129		6.90	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	57.4		"	50.0		115	58-146		1.12	30	
1,1,2-Trichloroethane	54.8		"	50.0		110	83-123		4.40	30	
1,1-Dichloroethane	51.8		"	50.0		104	75-130		3.08	30	
1,1-Dichloroethylene	55.7		"	50.0		111	64-137		0.126	30	
1,2,3-Trichlorobenzene	58.9		"	50.0		118	81-140		3.59	30	
1,2,3-Trichloropropane	57.8		"	50.0		116	81-126		4.08	30	
1,2,4-Trichlorobenzene	61.3		"	50.0		123	80-141		0.803	30	
1,2,4-Trimethylbenzene	57.8		"	50.0		116	84-125		0.277	30	
1,2-Dibromo-3-chloropropane	59.6		"	50.0		119	74-142		8.32	30	
1,2-Dibromoethane	55.5		"	50.0		111	86-123		6.47	30	
1,2-Dichlorobenzene	54.8		"	50.0		110	85-122		1.34	30	
1,2-Dichloroethane	54.4		"	50.0		109	71-133		4.32	30	
1,2-Dichloropropane	49.6		"	50.0		99.3	81-122		1.09	30	
1,3,5-Trimethylbenzene	57.1		"	50.0		114	82-126		0.751	30	
1,3-Dichlorobenzene	55.7		"	50.0		111	84-124		0.00	30	
1,4-Dichlorobenzene	56.4		"	50.0		113	84-124		1.66	30	
1,4-Dioxane	1160		"	1050		110	10-228		5.90	30	
2-Butanone	58.7		"	50.0		117	58-147		11.1	30	
2-Hexanone	53.5		"	50.0		107	70-139		9.89	30	
4-Methyl-2-pentanone	53.3		"	50.0		107	72-132		8.15	30	
Acetone	45.1		"	50.0		90.2	36-155		9.57	30	
Acrolein	27.6		"	50.0		55.2	10-238		9.61	30	
Acrylonitrile	54.6		"	50.0		109	66-141		12.2	30	
Benzene	54.1		"	50.0		108	77-127		3.02	30	
Bromochloromethane	50.3		"	50.0		101	74-129		3.11	30	
Bromodichloromethane	56.1		"	50.0		112	81-124		1.56	30	
Bromoform	61.0		"	50.0		122	80-136		6.80	30	
Bromomethane	69.0		"	50.0		138	32-177		2.40	30	
Carbon disulfide	54.5		"	50.0		109	10-136		0.921	30	
Carbon tetrachloride	60.6		"	50.0		121	66-143		3.27	30	
Chlorobenzene	54.3		"	50.0		109	86-120		0.628	30	
Chloroethane	86.6		"	50.0		173	51-142	High Bias	1.71	30	
Chloroform	55.0		"	50.0		110	76-131		1.89	30	
Chloromethane	56.9		"	50.0		114	49-132		2.83	30	
cis-1,2-Dichloroethylene	53.8		"	50.0		108	74-132		2.88	30	
cis-1,3-Dichloropropylene	54.3		"	50.0		109	81-129		2.39	30	
Cyclohexane	52.3		"	50.0		105	70-130		1.83	30	
Dibromochloromethane	59.3		"	50.0		119	10-200		3.12	30	
Dibromomethane	52.5		"	50.0		105	83-124		4.80	30	
Dichlorodifluoromethane	72.8		"	50.0		146	28-158		5.27	30	
Ethyl Benzene	55.6		"	50.0		111	84-125		0.0898	30	
Hexachlorobutadiene	59.3		"	50.0		119	83-133		0.538	30	
Isopropylbenzene	55.0		"	50.0		110	81-127		0.0182	30	
Methyl acetate	48.0		"	50.0		95.9	41-143		8.16	30	
Methyl tert-butyl ether (MTBE)	55.9		"	50.0		112	74-131		7.60	30	
Methylcyclohexane	54.2		"	50.0		108	70-130		0.259	30	
Methylene chloride	51.8		"	50.0		104	57-141		2.01	30	
n-Butylbenzene	59.6		"	50.0		119	80-130		1.61	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 BI01086 - EPA 5035A											
LCS Dup (BI01086-BSD1)								Prepared & Analyzed: 09/18/2020			
n-Propylbenzene	55.0		ug/L	50.0		110	74-136		1.53	30	
o-Xylene	55.0		"	50.0		110	83-123		1.34	30	
p- & m- Xylenes	111		"	100		111	82-128		0.845	30	
p-Isopropyltoluene	57.9		"	50.0		116	85-125		0.397	30	
sec-Butylbenzene	58.3		"	50.0		117	83-125		1.09	30	
Styrene	56.6		"	50.0		113	86-126		2.34	30	
tert-Butyl alcohol (TBA)	256		"	250		102	70-130		13.9	30	
tert-Butylbenzene	49.4		"	50.0		98.8	80-127		0.345	30	
Tetrachloroethylene	49.2		"	50.0		98.4	80-129		1.29	30	
Toluene	53.7		"	50.0		107	85-121		0.786	30	
trans-1,2-Dichloroethylene	54.8		"	50.0		110	72-132		1.82	30	
trans-1,3-Dichloropropylene	54.9		"	50.0		110	78-132		4.07	30	
Trichloroethylene	54.4		"	50.0		109	84-123		1.04	30	
Trichlorofluoromethane	68.3		"	50.0		137	62-140		3.00	30	
Vinyl Chloride	64.8		"	50.0		130	52-130		0.185	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*53.5*		*"*	*50.0*		*107*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.3*		*"*	*50.0*		*103*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.4*		*"*	*50.0*		*98.7*	*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 BI01268 - EPA 3550C											
Blank (BI01268-BLK1)									Prepared & Analyzed: 09/23/2020		
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 BI01268 - EPA 3550C											
Blank (BI01268-BLK1)											Prepared & Analyzed: 09/23/2020
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	*0.821*		"	*1.66*		*49.4*	*20-108*				
Surrogate: SURR: Phenol-d5	*0.855*		"	*1.66*		*51.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.435*		"	*0.831*		*52.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.438*		"	*0.831*		*52.7*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.04*		"	*1.66*		*62.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.506*		"	*0.831*		*60.9*	*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 BI01268 - EPA 3550C											
LCS (BI01268-BS1)							Prepared & Analyzed: 09/23/2020				
1,1-Biphenyl	0.501	0.0416	mg/kg wet	0.831		60.3	18-111				
1,2,4,5-Tetrachlorobenzene	0.634	0.0830	"	0.831		76.4	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.502	0.0416	"	0.831		60.5	17-137				
2,3,4,6-Tetrachlorophenol	0.389	0.0830	"	0.831		46.9	30-130				
2,4,5-Trichlorophenol	0.366	0.0416	"	0.831		44.1	27-118				
2,4,6-Trichlorophenol	0.487	0.0416	"	0.831		58.6	31-120				
2,4-Dichlorophenol	0.467	0.0416	"	0.831		56.3	20-127				
2,4-Dimethylphenol	0.521	0.0416	"	0.831		62.7	14-132				
2,4-Dinitrophenol	0.456	0.0830	"	0.831		55.0	10-171				
2,4-Dinitrotoluene	0.483	0.0416	"	0.831		58.2	34-131				
2,6-Dinitrotoluene	0.482	0.0416	"	0.831		58.1	31-128				
2-Chloronaphthalene	0.422	0.0416	"	0.831		50.8	31-117				
2-Chlorophenol	0.459	0.0416	"	0.831		55.2	33-113				
2-Methylnaphthalene	0.478	0.0416	"	0.831		57.5	12-138				
2-Methylphenol	0.390	0.0416	"	0.831		47.0	10-136				
2-Nitroaniline	0.478	0.0830	"	0.831		57.6	27-132				
2-Nitrophenol	0.549	0.0416	"	0.831		66.1	17-129				
3- & 4-Methylphenols	0.340	0.0416	"	0.831		40.9	29-103				
3,3-Dichlorobenzidine	0.363	0.0416	"	0.831		43.8	22-149				
3-Nitroaniline	0.381	0.0830	"	0.831		45.9	20-133				
4,6-Dinitro-2-methylphenol	0.579	0.0830	"	0.831		69.8	10-143				
4-Bromophenyl phenyl ether	0.454	0.0416	"	0.831		54.7	29-120				
4-Chloro-3-methylphenol	0.417	0.0416	"	0.831		50.2	24-129				
4-Chloroaniline	0.280	0.0416	"	0.831		33.7	10-132				
4-Chlorophenyl phenyl ether	0.429	0.0416	"	0.831		51.6	27-124				
4-Nitroaniline	0.452	0.0830	"	0.831		54.4	16-128				
4-Nitrophenol	0.349	0.0830	"	0.831		42.0	10-141				
Acenaphthene	0.456	0.0416	"	0.831		54.9	30-121				
Acenaphthylene	0.448	0.0416	"	0.831		54.0	30-115				
Acetophenone	0.500	0.0416	"	0.831		60.2	20-112				
Aniline	0.430	0.166	"	0.831		51.8	10-119				
Anthracene	0.462	0.0416	"	0.831		55.6	34-118				
Atrazine	0.491	0.0416	"	0.831		59.1	26-112				
Benzaldehyde	0.513	0.0416	"	0.831		61.8	21-100				
Benzo(a)anthracene	0.437	0.0416	"	0.831		52.6	32-122				
Benzo(a)pyrene	0.412	0.0416	"	0.831		49.6	29-133				
Benzo(b)fluoranthene	0.451	0.0416	"	0.831		54.3	25-133				
Benzo(g,h,i)perylene	0.431	0.0416	"	0.831		51.8	10-143				
Benzo(k)fluoranthene	0.424	0.0416	"	0.831		51.0	25-128				
Benzoic acid	0.248	0.0416	"	0.831		29.9	10-140				
Benzyl alcohol	0.515	0.0416	"	0.831		62.0	30-115				
Benzyl butyl phthalate	0.432	0.0416	"	0.831		52.0	26-126				
Bis(2-chloroethoxy)methane	0.470	0.0416	"	0.831		56.6	19-132				
Bis(2-chloroethyl)ether	0.476	0.0416	"	0.831		57.3	19-125				
Bis(2-chloroisopropyl)ether	0.671	0.0416	"	0.831		80.8	20-135				
Bis(2-ethylhexyl)phthalate	0.434	0.0416	"	0.831		52.3	10-155				
Caprolactam	0.490	0.0830	"	0.831		59.0	10-127				
Carbazole	0.445	0.0416	"	0.831		53.6	35-123				
Chrysene	0.452	0.0416	"	0.831		54.5	32-123				
Dibenzo(a,h)anthracene	0.444	0.0416	"	0.831		53.5	10-136				
Dibenzofuran	0.422	0.0416	"	0.831		50.8	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 BI01268 - EPA 3550C											
LCS (BI01268-BS1)								Prepared & Analyzed: 09/23/2020			
Diethyl phthalate	0.396	0.0416	mg/kg wet	0.831		47.7	34-116				
Dimethyl phthalate	0.509	0.0416	"	0.831		61.2	35-124				
Di-n-butyl phthalate	0.419	0.0416	"	0.831		50.4	31-116				
Di-n-octyl phthalate	0.444	0.0416	"	0.831		53.4	26-136				
Diphenylamine	0.618	0.0830	"	0.831		74.4	40-140				
Fluoranthene	0.449	0.0416	"	0.831		54.1	33-122				
Fluorene	0.450	0.0416	"	0.831		54.2	29-123				
Hexachlorobenzene	0.418	0.0416	"	0.831		50.3	21-124				
Hexachlorobutadiene	0.437	0.0416	"	0.831		52.6	10-149				
Hexachlorocyclopentadiene	0.231	0.0416	"	0.831		27.8	10-129				
Hexachloroethane	0.415	0.0416	"	0.831		50.0	28-108				
Indeno(1,2,3-cd)pyrene	0.538	0.0416	"	0.831		64.7	10-135				
Isophorone	0.451	0.0416	"	0.831		54.3	20-132				
Naphthalene	0.488	0.0416	"	0.831		58.7	23-124				
Nitrobenzene	0.442	0.0416	"	0.831		53.2	13-132				
N-Nitrosodimethylamine	0.410	0.0416	"	0.831		49.4	11-129				
N-nitroso-di-n-propylamine	0.442	0.0416	"	0.831		53.2	24-119				
N-Nitrosodiphenylamine	0.611	0.0416	"	0.831		73.6	22-152				
Pentachlorophenol	0.317	0.0416	"	0.831		38.2	10-139				
Phenanthrene	0.474	0.0416	"	0.831		57.0	33-123				
Phenol	0.493	0.0416	"	0.831		59.3	23-115				
Pyrene	0.470	0.0416	"	0.831		56.6	32-130				
Pyridine	0.323	0.166	"	0.831		38.9	10-91				
Surrogate: SURR: 2-Fluorophenol	*0.902*		"	*1.66*		*54.3*	*20-108*				
Surrogate: SURR: Phenol-d5	*0.927*		"	*1.66*		*55.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.458*		"	*0.831*		*55.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.442*		"	*0.831*		*53.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.07*		"	*1.66*		*64.3*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.528*		"	*0.831*		*63.6*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BI01268 - EPA 3550C

Matrix Spike (BI01268-MS1) *Source sample: 20I0812-01 (SW01_56) Prepared & Analyzed: 09/23/2020

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.638	0.0865	mg/kg dry	0.865	ND	73.8	10-130				
1,2,4,5-Tetrachlorobenzene	0.799	0.173	"	0.865	ND	92.5	10-133				
1,2-Diphenylhydrazine (as Azobenzene)	0.640	0.0865	"	0.865	ND	74.1	10-144				
2,3,4,6-Tetrachlorophenol	0.447	0.173	"	0.865	ND	51.8	30-130				
2,4,5-Trichlorophenol	0.420	0.0865	"	0.865	ND	48.6	10-127				
2,4,6-Trichlorophenol	0.547	0.0865	"	0.865	ND	63.3	10-132				
2,4-Dichlorophenol	0.557	0.0865	"	0.865	ND	64.4	10-128				
2,4-Dimethylphenol	0.589	0.0865	"	0.865	ND	68.2	10-137				
2,4-Dinitrophenol	0.0878	0.173	"	0.865	ND	10.2	10-171				
2,4-Dinitrotoluene	0.552	0.0865	"	0.865	ND	63.8	16-135				
2,6-Dinitrotoluene	0.573	0.0865	"	0.865	ND	66.3	18-131				
2-Chloronaphthalene	0.535	0.0865	"	0.865	ND	61.8	10-129				
2-Chlorophenol	0.539	0.0865	"	0.865	ND	62.3	15-116				
2-Methylnaphthalene	0.566	0.0865	"	0.865	ND	65.4	10-147				
2-Methylphenol	0.452	0.0865	"	0.865	ND	52.2	10-136				
2-Nitroaniline	0.578	0.173	"	0.865	ND	66.9	10-137				
2-Nitrophenol	0.591	0.0865	"	0.865	ND	68.4	10-129				
3- & 4-Methylphenols	0.385	0.0865	"	0.865	ND	44.5	10-123				
3,3-Dichlorobenzidine	0.372	0.0865	"	0.865	ND	43.0	10-155				
3-Nitroaniline	0.467	0.173	"	0.865	ND	54.0	12-133				
4,6-Dinitro-2-methylphenol	0.290	0.173	"	0.865	ND	33.5	10-155				
4-Bromophenyl phenyl ether	0.574	0.0865	"	0.865	ND	66.4	14-128				
4-Chloro-3-methylphenol	0.485	0.0865	"	0.865	ND	56.1	10-134				
4-Chloroaniline	0.361	0.0865	"	0.865	ND	41.8	10-145				
4-Chlorophenyl phenyl ether	0.521	0.0865	"	0.865	ND	60.3	14-130				
4-Nitroaniline	0.513	0.173	"	0.865	ND	59.4	10-147				
4-Nitrophenol	0.434	0.173	"	0.865	ND	50.2	10-137				
Acenaphthene	0.599	0.0865	"	0.865	ND	69.3	10-146				
Acenaphthylene	0.566	0.0865	"	0.865	ND	65.4	10-134				
Acetophenone	0.589	0.0865	"	0.865	ND	68.2	10-116				
Aniline	0.472	0.346	"	0.865	ND	54.6	10-123				
Anthracene	0.660	0.0865	"	0.865	0.0920	65.8	10-142				
Atrazine	0.668	0.0865	"	0.865	ND	77.3	19-115				
Benzaldehyde	0.595	0.0865	"	0.865	ND	68.9	10-125				
Benzo(a)anthracene	0.633	0.0865	"	0.865	0.178	52.6	10-158				
Benzo(a)pyrene	0.638	0.0865	"	0.865	0.149	56.6	10-180				
Benzo(b)fluoranthene	0.665	0.0865	"	0.865	0.127	62.2	10-200				
Benzo(g,h,i)perylene	0.659	0.0865	"	0.865	0.0816	66.8	10-138				
Benzo(k)fluoranthene	0.649	0.0865	"	0.865	0.123	60.8	10-197				
Benzoic acid	ND	0.0865	"	0.865	ND		10-166	Low Bias			
Benzyl alcohol	0.605	0.0865	"	0.865	ND	70.0	12-124				
Benzyl butyl phthalate	0.573	0.0865	"	0.865	ND	66.3	10-154				
Bis(2-chloroethoxy)methane	0.564	0.0865	"	0.865	ND	65.3	10-132				
Bis(2-chloroethyl)ether	0.536	0.0865	"	0.865	ND	62.0	10-119				
Bis(2-chloroisopropyl)ether	0.792	0.0865	"	0.865	ND	91.6	10-139				
Bis(2-ethylhexyl)phthalate	0.621	0.0865	"	0.865	ND	71.8	10-167				
Caprolactam	0.537	0.173	"	0.865	ND	62.1	10-132				
Carbazole	0.555	0.0865	"	0.865	ND	64.2	10-167				
Chrysene	0.673	0.0865	"	0.865	0.176	57.5	10-156				
Dibenzo(a,h)anthracene	0.630	0.0865	"	0.865	ND	72.9	10-137				
Dibenzofuran	0.530	0.0865	"	0.865	ND	61.3	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 BI01268 - EPA 3550C											
Matrix Spike (BI01268-MS1)	*Source sample: 20I0812-01 (SW01_56)						Prepared & Analyzed: 09/23/2020				
Diethyl phthalate	0.474	0.0865	mg/kg dry	0.865	ND	54.8	20-120				
Dimethyl phthalate	0.652	0.0865	"	0.865	ND	75.4	18-131				
Di-n-butyl phthalate	0.544	0.0865	"	0.865	ND	62.9	10-137				
Di-n-octyl phthalate	0.631	0.0865	"	0.865	ND	73.0	10-180				
Diphenylamine	0.799	0.173	"	0.865	ND	92.4	40-140				
Fluoranthene	0.645	0.0865	"	0.865	0.376	31.1	10-160				
Fluorene	0.564	0.0865	"	0.865	ND	65.3	10-157				
Hexachlorobenzene	0.589	0.0865	"	0.865	ND	68.1	10-137				
Hexachlorobutadiene	0.514	0.0865	"	0.865	ND	59.4	10-132				
Hexachlorocyclopentadiene	0.187	0.0865	"	0.865	ND	21.7	10-106				
Hexachloroethane	0.498	0.0865	"	0.865	ND	57.6	10-110				
Indeno(1,2,3-cd)pyrene	0.799	0.0865	"	0.865	0.0961	81.3	10-144				
Isophorone	0.536	0.0865	"	0.865	ND	62.0	10-132				
Naphthalene	0.589	0.0865	"	0.865	ND	68.2	10-141				
Nitrobenzene	0.501	0.0865	"	0.865	ND	58.0	10-131				
N-Nitrosodimethylamine	0.489	0.0865	"	0.865	ND	56.6	10-126				
N-nitroso-di-n-propylamine	0.544	0.0865	"	0.865	ND	62.9	10-125				
N-Nitrosodiphenylamine	0.790	0.0865	"	0.865	ND	91.4	10-177				
Pentachlorophenol	0.286	0.0865	"	0.865	ND	33.1	10-153				
Phenanthrene	0.696	0.0865	"	0.865	0.338	41.4	10-148				
Phenol	0.589	0.0865	"	0.865	ND	68.2	10-126				
Pyrene	0.712	0.0865	"	0.865	0.329	44.3	10-165				
Pyridine	0.365	0.346	"	0.865	ND	42.2	10-83				
Surrogate: SURR: 2-Fluorophenol	*1.03*		"	*1.73*		*59.4*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.08*		"	*1.73*		*62.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.546*		"	*0.865*		*63.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.574*		"	*0.865*		*66.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.43*		"	*1.73*		*82.6*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.669*		"	*0.865*		*77.4*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BI01268 - EPA 3550C

Matrix Spike Dup (BI01268-MSD1) *Source sample: 20I0812-01 (SW01_56) Prepared & Analyzed: 09/23/2020

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.634	0.0865	mg/kg dry	0.865	ND	73.4	10-130		0.652	30	
1,2,4,5-Tetrachlorobenzene	0.764	0.173	"	0.865	ND	88.3	10-133		4.60	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.618	0.0865	"	0.865	ND	71.4	10-144		3.63	30	
2,3,4,6-Tetrachlorophenol	0.422	0.173	"	0.865	ND	48.8	30-130		5.89	30	
2,4,5-Trichlorophenol	0.400	0.0865	"	0.865	ND	46.3	10-127		4.89	30	
2,4,6-Trichlorophenol	0.516	0.0865	"	0.865	ND	59.7	10-132		5.86	30	
2,4-Dichlorophenol	0.519	0.0865	"	0.865	ND	60.1	10-128		6.94	30	
2,4-Dimethylphenol	0.569	0.0865	"	0.865	ND	65.8	10-137		3.46	30	
2,4-Dinitrophenol	ND	0.173	"	0.865	ND		10-171	Low Bias		30	
2,4-Dinitrotoluene	0.521	0.0865	"	0.865	ND	60.2	16-135		5.80	30	
2,6-Dinitrotoluene	0.566	0.0865	"	0.865	ND	65.4	18-131		1.34	30	
2-Chloronaphthalene	0.511	0.0865	"	0.865	ND	59.1	10-129		4.50	30	
2-Chlorophenol	0.503	0.0865	"	0.865	ND	58.2	15-116		6.77	30	
2-Methylnaphthalene	0.558	0.0865	"	0.865	ND	64.6	10-147		1.35	30	
2-Methylphenol	0.409	0.0865	"	0.865	ND	47.3	10-136		9.97	30	
2-Nitroaniline	0.555	0.173	"	0.865	ND	64.2	10-137		4.03	30	
2-Nitrophenol	0.575	0.0865	"	0.865	ND	66.5	10-129		2.85	30	
3- & 4-Methylphenols	0.370	0.0865	"	0.865	ND	42.8	10-123		3.85	30	
3,3-Dichlorobenzidine	0.350	0.0865	"	0.865	ND	40.5	10-155		6.13	30	
3-Nitroaniline	0.432	0.173	"	0.865	ND	49.9	12-133		7.85	30	
4,6-Dinitro-2-methylphenol	0.230	0.173	"	0.865	ND	26.6	10-155		22.9	30	
4-Bromophenyl phenyl ether	0.568	0.0865	"	0.865	ND	65.7	14-128		1.09	30	
4-Chloro-3-methylphenol	0.486	0.0865	"	0.865	ND	56.2	10-134		0.285	30	
4-Chloroaniline	0.373	0.0865	"	0.865	ND	43.2	10-145		3.39	30	
4-Chlorophenyl phenyl ether	0.526	0.0865	"	0.865	ND	60.8	14-130		0.793	30	
4-Nitroaniline	0.508	0.173	"	0.865	ND	58.8	10-147		0.948	30	
4-Nitrophenol	0.407	0.173	"	0.865	ND	47.1	10-137		6.25	30	
Acenaphthene	0.568	0.0865	"	0.865	ND	65.7	10-146		5.33	30	
Acenaphthylene	0.539	0.0865	"	0.865	ND	62.4	10-134		4.76	30	
Acetophenone	0.562	0.0865	"	0.865	ND	65.0	10-116		4.68	30	
Aniline	0.403	0.346	"	0.865	ND	46.6	10-123		15.8	30	
Anthracene	0.572	0.0865	"	0.865	0.0920	55.5	10-142		14.4	30	
Atrazine	0.648	0.0865	"	0.865	ND	75.0	19-115		3.05	30	
Benzaldehyde	0.574	0.0865	"	0.865	ND	66.4	10-125		3.67	30	
Benzo(a)anthracene	0.584	0.0865	"	0.865	0.178	47.0	10-158		7.95	30	
Benzo(a)pyrene	0.564	0.0865	"	0.865	0.149	47.9	10-180		12.4	30	
Benzo(b)fluoranthene	0.579	0.0865	"	0.865	0.127	52.2	10-200		13.9	30	
Benzo(g,h,i)perylene	0.587	0.0865	"	0.865	0.0816	58.5	10-138		11.5	30	
Benzo(k)fluoranthene	0.567	0.0865	"	0.865	0.123	51.4	10-197		13.4	30	
Benzoic acid	ND	0.0865	"	0.865	ND		10-166	Low Bias		30	
Benzyl alcohol	0.522	0.0865	"	0.865	ND	60.4	12-124		14.7	30	
Benzyl butyl phthalate	0.533	0.0865	"	0.865	ND	61.6	10-154		7.38	30	
Bis(2-chloroethoxy)methane	0.522	0.0865	"	0.865	ND	60.4	10-132		7.77	30	
Bis(2-chloroethyl)ether	0.526	0.0865	"	0.865	ND	60.9	10-119		1.82	30	
Bis(2-chloroisopropyl)ether	0.755	0.0865	"	0.865	ND	87.3	10-139		4.83	30	
Bis(2-ethylhexyl)phthalate	0.591	0.0865	"	0.865	ND	68.4	10-167		4.91	30	
Caprolactam	0.544	0.173	"	0.865	ND	62.9	10-132		1.28	30	
Carbazole	0.547	0.0865	"	0.865	ND	63.3	10-167		1.51	30	
Chrysene	0.572	0.0865	"	0.865	0.176	45.8	10-156		16.2	30	
Dibenzo(a,h)anthracene	0.564	0.0865	"	0.865	ND	65.3	10-137		11.0	30	
Dibenzofuran	0.509	0.0865	"	0.865	ND	58.9	10-147		3.99	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 BI01268 - EPA 3550C											
Matrix Spike Dup (BI01268-MSD1)	*Source sample: 20I0812-01 (SW01_56)							Prepared & Analyzed: 09/23/2020			
Diethyl phthalate	0.454	0.0865	mg/kg dry	0.865	ND	52.5	20-120		4.33	30	
Dimethyl phthalate	0.575	0.0865	"	0.865	ND	66.6	18-131		12.5	30	
Di-n-butyl phthalate	0.530	0.0865	"	0.865	ND	61.4	10-137		2.45	30	
Di-n-octyl phthalate	0.581	0.0865	"	0.865	ND	67.2	10-180		8.33	30	
Diphenylamine	0.784	0.173	"	0.865	ND	90.6	40-140		1.92	30	
Fluoranthene	0.605	0.0865	"	0.865	0.376	26.6	10-160		6.31	30	
Fluorene	0.527	0.0865	"	0.865	ND	61.0	10-157		6.84	30	
Hexachlorobenzene	0.571	0.0865	"	0.865	ND	66.0	10-137		3.10	30	
Hexachlorobutadiene	0.521	0.0865	"	0.865	ND	60.2	10-132		1.34	30	
Hexachlorocyclopentadiene	0.176	0.0865	"	0.865	ND	20.3	10-106		6.48	30	
Hexachloroethane	0.472	0.0865	"	0.865	ND	54.6	10-110		5.27	30	
Indeno(1,2,3-cd)pyrene	0.701	0.0865	"	0.865	0.0961	69.9	10-144		13.1	30	
Isophorone	0.516	0.0865	"	0.865	ND	59.7	10-132		3.81	30	
Naphthalene	0.570	0.0865	"	0.865	ND	65.9	10-141		3.34	30	
Nitrobenzene	0.473	0.0865	"	0.865	ND	54.7	10-131		5.82	30	
N-Nitrosodimethylamine	0.440	0.0865	"	0.865	ND	50.9	10-126		10.6	30	
N-nitroso-di-n-propylamine	0.478	0.0865	"	0.865	ND	55.3	10-125		12.9	30	
N-Nitrosodiphenylamine	0.733	0.0865	"	0.865	ND	84.8	10-177		7.45	30	
Pentachlorophenol	0.285	0.0865	"	0.865	ND	33.0	10-153		0.484	30	
Phenanthrene	0.618	0.0865	"	0.865	0.338	32.3	10-148		12.0	30	
Phenol	0.548	0.0865	"	0.865	ND	63.4	10-126		7.17	30	
Pyrene	0.615	0.0865	"	0.865	0.329	33.1	10-165		14.6	30	
Pyridine	0.328	0.346	"	0.865	ND	37.9	10-83		10.8	30	
Surrogate: SURR: 2-Fluorophenol	*0.963*		"	*1.73*		*55.7*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.02*		"	*1.73*		*59.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.509*		"	*0.865*		*58.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.546*		"	*0.865*		*63.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.32*		"	*1.73*		*76.3*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.647*		"	*0.865*		*74.8*	*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 BI01264 - EPA 3550C											
Blank (BI01264-BLK1)									Prepared & Analyzed: 09/23/2020		
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	"								
Chlordane, total	ND	0.0329	"								
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	0.00822	"								
Toxaphene	ND	0.0832	"								
Surrogate: Decachlorobiphenyl	*0.0712*		*"*	*0.0664*		*107*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0533*		*"*	*0.0664*		*80.2*	*30-150*				
LCS (BI01264-BS1)									Prepared & Analyzed: 09/23/2020		
4,4'-DDD	0.0244	0.00164	mg/kg wet	0.0332		73.4	40-140				
4,4'-DDE	0.0205	0.00164	"	0.0332		61.7	40-140				
4,4'-DDT	0.0208	0.00164	"	0.0332		62.6	40-140				
Aldrin	0.0254	0.00164	"	0.0332		76.5	40-140				
alpha-BHC	0.0227	0.00164	"	0.0332		68.3	40-140				
alpha-Chlordane	0.0232	0.00164	"	0.0332		69.8	40-140				
beta-BHC	0.0218	0.00164	"	0.0332		65.6	40-140				
delta-BHC	0.0242	0.00164	"	0.0332		73.0	40-140				
Dieldrin	0.0237	0.00164	"	0.0332		71.2	40-140				
Endosulfan I	0.0262	0.00164	"	0.0332		78.8	40-140				
Endosulfan II	0.0246	0.00164	"	0.0332		74.1	40-140				
Endosulfan sulfate	0.0254	0.00164	"	0.0332		76.4	40-140				
Endrin	0.0234	0.00164	"	0.0332		70.5	40-140				
Endrin aldehyde	0.0250	0.00164	"	0.0332		75.3	40-140				
Endrin ketone	0.0246	0.00164	"	0.0332		74.1	40-140				
gamma-BHC (Lindane)	0.0229	0.00164	"	0.0332		68.8	40-140				
gamma-Chlordane	0.0233	0.00164	"	0.0332		70.3	40-140				
Heptachlor	0.0242	0.00164	"	0.0332		72.8	40-140				
Heptachlor epoxide	0.0230	0.00164	"	0.0332		69.3	40-140				
Methoxychlor	0.0250	0.00822	"	0.0332		75.2	40-140				
Surrogate: Decachlorobiphenyl	*0.0661*		*"*	*0.0664*		*99.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0502*		*"*	*0.0664*		*75.6*	*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 BI01264 - EPA 3550C											
Matrix Spike (BI01264-MS1)	*Source sample: 20I0806-22 (Matrix Spike)								Prepared: 09/23/2020 Analyzed: 09/28/2020		
4,4'-DDD	0.0243	0.00179	mg/kg dry	0.0361	ND	67.5	30-150				
4,4'-DDE	0.0459	0.00179	"	0.0361	0.00443	115	30-150				
4,4'-DDT	0.0643	0.00179	"	0.0361	0.0316	90.8	30-150				
Aldrin	0.0201	0.00179	"	0.0361	ND	55.7	30-150				
alpha-BHC	0.0201	0.00179	"	0.0361	ND	55.7	30-150				
alpha-Chlordane	0.0264	0.00179	"	0.0361	ND	73.1	30-150				
beta-BHC	0.0153	0.00179	"	0.0361	ND	42.4	30-150				
delta-BHC	0.0162	0.00179	"	0.0361	ND	44.8	30-150				
Dieldrin	0.0238	0.00179	"	0.0361	ND	66.0	30-150				
Endosulfan I	0.0443	0.00179	"	0.0361	ND	123	30-150				
Endosulfan II	0.0207	0.00179	"	0.0361	ND	57.5	30-150				
Endosulfan sulfate	0.0178	0.00179	"	0.0361	ND	49.4	30-150				
Endrin	0.0228	0.00179	"	0.0361	ND	63.2	30-150				
Endrin aldehyde	0.0150	0.00179	"	0.0361	ND	41.5	30-150				
Endrin ketone	0.0205	0.00179	"	0.0361	ND	57.0	30-150				
gamma-BHC (Lindane)	0.0188	0.00179	"	0.0361	ND	52.2	30-150				
gamma-Chlordane	0.0208	0.00179	"	0.0361	ND	57.7	30-150				
Heptachlor	0.0208	0.00179	"	0.0361	ND	57.6	30-150				
Heptachlor epoxide	0.0205	0.00179	"	0.0361	ND	56.7	30-150				
Methoxychlor	0.0200	0.00893	"	0.0361	ND	55.4	30-150				
Surrogate: Decachlorobiphenyl	*0.0541*		*"*	*0.0721*		*75.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0340*		*"*	*0.0721*		*47.1*	*30-150*				
Matrix Spike Dup (BI01264-MSD1)	*Source sample: 20I0806-22 (Matrix Spike Dup)								Prepared: 09/23/2020 Analyzed: 09/28/2020		
4,4'-DDD	0.0225	0.00179	mg/kg dry	0.0361	ND	62.4	30-150		7.88	30	
4,4'-DDE	0.0425	0.00179	"	0.0361	0.00443	105	30-150		7.70	30	
4,4'-DDT	0.0592	0.00179	"	0.0361	0.0316	76.5	30-150		8.34	30	
Aldrin	0.0184	0.00179	"	0.0361	ND	51.0	30-150		8.84	30	
alpha-BHC	0.0182	0.00179	"	0.0361	ND	50.3	30-150		10.0	30	
alpha-Chlordane	0.0242	0.00179	"	0.0361	ND	67.1	30-150		8.58	30	
beta-BHC	0.0152	0.00179	"	0.0361	ND	42.2	30-150		0.556	30	
delta-BHC	0.0150	0.00179	"	0.0361	ND	41.5	30-150		7.69	30	
Dieldrin	0.0219	0.00179	"	0.0361	ND	60.8	30-150		8.29	30	
Endosulfan I	0.0410	0.00179	"	0.0361	ND	114	30-150		7.70	30	
Endosulfan II	0.0195	0.00179	"	0.0361	ND	54.0	30-150		6.38	30	
Endosulfan sulfate	0.0161	0.00179	"	0.0361	ND	44.7	30-150		10.2	30	
Endrin	0.0296	0.00179	"	0.0361	ND	82.1	30-150		26.0	30	
Endrin aldehyde	0.0148	0.00179	"	0.0361	ND	41.0	30-150		1.16	30	
Endrin ketone	0.0185	0.00179	"	0.0361	ND	51.3	30-150		10.4	30	
gamma-BHC (Lindane)	0.0168	0.00179	"	0.0361	ND	46.7	30-150		11.2	30	
gamma-Chlordane	0.0196	0.00179	"	0.0361	ND	54.5	30-150		5.70	30	
Heptachlor	0.0188	0.00179	"	0.0361	ND	52.0	30-150		10.3	30	
Heptachlor epoxide	0.0186	0.00179	"	0.0361	ND	51.6	30-150		9.42	30	
Methoxychlor	0.0185	0.00893	"	0.0361	ND	51.2	30-150		7.87	30	
Surrogate: Decachlorobiphenyl	*0.0504*		*"*	*0.0721*		*69.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0332*		*"*	*0.0721*		*46.1*	*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 Y0I1101 - BI00252											
Performance Mix (Y0I1101-PEM1)										Prepared & Analyzed: 09/10/2020	
4,4'-DDD	3.52		ng/mL	0.00			0-200				
4,4'-DDE	1.19		"	0.00			0-200				
4,4'-DDT	196		"	200		98.1	0-200				
Endrin	86.1		"	100		86.1	0-200				
Endrin aldehyde	2.77		"	0.00			0-200				
Endrin ketone	2.08		"	0.00			0-200				
Batch Y0I2503 - BI01264											
Performance Mix (Y0I2503-PEM1)										Prepared & Analyzed: 09/23/2020	
4,4'-DDD	5.45		ng/mL	0.00			0-200				
4,4'-DDE	1.50		"	0.00			0-200				
4,4'-DDT	141		"	200		70.4	0-200				
Endrin	71.0		"	100		71.0	0-200				
Endrin aldehyde	1.60		"	0.00			0-200				
Endrin ketone	2.22		"	0.00			0-200				
Performance Mix (Y0I2503-PEM2)										Prepared & Analyzed: 09/23/2020	
4,4'-DDD	5.19		ng/mL	0.00			0-200				
4,4'-DDE	1.30		"	0.00			0-200				
4,4'-DDT	155		"	200		77.3	0-200				
Endrin	76.3		"	100		76.3	0-200				
Endrin aldehyde	1.75		"	0.00			0-200				
Endrin ketone	2.39		"	0.00			0-200				
Performance Mix (Y0I2503-PEM3)										Prepared: 09/23/2020 Analyzed: 09/24/2020	
4,4'-DDD	6.79		ng/mL	0.00			0-200				
4,4'-DDE	1.30		"	0.00			0-200				
4,4'-DDT	153		"	200		76.4	0-200				
Endrin	75.6		"	100		75.6	0-200				
Endrin aldehyde	1.72		"	0.00			0-200				
Endrin ketone	3.16		"	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 Y0I2908 - BI01182											
Performance Mix (Y0I2908-PEM1)								Prepared & Analyzed: 09/28/2020			
4,4'-DDD	7.35		ng/mL	0.00			0-200				
4,4'-DDE	1.76		"	0.00			0-200				
4,4'-DDT	136		"	200		68.2	0-200				
Endrin	71.7		"	100		71.7	0-200				
Endrin aldehyde	1.94		"	0.00			0-200				
Endrin ketone	3.17		"	0.00			0-200				
Performance Mix (Y0I2908-PEM2)								Prepared: 09/28/2020 Analyzed: 09/29/2020			
4,4'-DDD	10.1		ng/mL	0.00			0-200				
4,4'-DDE	2.13		"	0.00			0-200				
4,4'-DDT	145		"	200		72.6	0-200				
Endrin	77.7		"	100		77.7	0-200				
Endrin aldehyde	4.10		"	0.00			0-200				
Endrin ketone	5.03		"	0.00			0-200				

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 BI01002 - EPA 3050B											
Blank (BI01002-BLK1)											Prepared: 09/18/2020 Analyzed: 09/23/2020
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 (BI01002-DUP1)	*Source sample: 20I0812-05 (EP24_EL54)										Prepared: 09/18/2020 Analyzed: 09/23/2020
Aluminum	10600	5.23	mg/kg dry		9810				7.62	35	
Antimony	ND	2.62	"		ND					35	
Arsenic	ND	1.57	"		ND					35	
Barium	70.8	2.62	"		60.2				16.1	35	
Beryllium	ND	0.052	"		ND					35	
Cadmium	ND	0.314	"		ND					35	
Calcium	5000	5.23	"		4360				13.6	35	
Chromium	25.3	0.523	"		24.5				3.01	35	
Cobalt	10.7	0.419	"		10.0				6.32	35	
Copper	28.4	2.09	"		25.4				11.2	35	
Iron	20700	26.2	"		17700				15.2	35	
Lead	66.1	0.523	"		58.5				12.1	35	
Magnesium	3880	5.23	"		3580				8.11	35	
Manganese	424	0.523	"		414				2.48	35	
Nickel	41.8	1.05	"		37.8				10.0	35	
Potassium	1490	5.23	"		1480				0.708	35	
Selenium	ND	2.62	"		ND					35	
Silver	ND	0.523	"		ND					35	
Sodium	232	52.3	"		212				9.00	35	
Thallium	ND	2.62	"		ND					35	
Vanadium	37.7	1.05	"		33.2				12.7	35	
Zinc	52.5	2.62	"		49.4				6.13	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 BI01002 - EPA 3050B											
Matrix Spike (BI01002-MS1)	*Source sample: 20I0812-05 (EP24_EL54)							Prepared: 09/18/2020 Analyzed: 09/23/2020			
Aluminum	9290	5.23	mg/kg dry	209	9810	NR	75-125	Low Bias			
Antimony	3.64	2.62	"	26.2	ND	13.9	75-125	Low Bias			
Arsenic	192	1.57	"	209	ND	91.8	75-125				
Barium	250	2.62	"	209	60.2	90.8	75-125				
Beryllium	2.53	0.052	"	5.23	ND	48.3	75-125	Low Bias			
Cadmium	4.92	0.314	"	5.23	ND	94.0	75-125				
Calcium	4950	5.23	"	105	4360	558	75-125	High Bias			
Chromium	41.8	0.523	"	20.9	24.5	82.7	75-125				
Cobalt	59.3	0.419	"	52.3	10.0	94.2	75-125				
Copper	50.1	2.09	"	26.2	25.4	94.6	75-125				
Iron	16500	26.2	"	105	17700	NR	75-125	Low Bias			
Lead	103	0.523	"	52.3	58.5	84.5	75-125				
Magnesium	3580	5.23	"	105	3580	7.03	75-125	Low Bias			
Manganese	387	0.523	"	52.3	414	NR	75-125	Low Bias			
Nickel	87.4	1.05	"	52.3	37.8	94.9	75-125				
Potassium	1350	5.23	"	105	1480	NR	75-125	Low Bias			
Selenium	160	2.62	"	209	ND	76.4	75-125				
Silver	1.95	0.523	"	5.23	ND	37.3	75-125	Low Bias			
Sodium	323	52.3	"	105	212	106	75-125				
Thallium	186	2.62	"	209	ND	88.9	75-125				
Vanadium	87.5	1.05	"	52.3	33.2	104	75-125				
Zinc	95.5	2.62	"	52.3	49.4	88.2	75-125				
Post Spike (BI01002-PS1)	*Source sample: 20I0812-05 (EP24_EL54)							Prepared: 09/18/2020 Analyzed: 09/23/2020			
Aluminum	103		ug/mL	2.00	93.8	441	75-125	High Bias			
Antimony	0.241		"	0.250	-0.022	96.5	75-125				
Arsenic	2.13		"	2.00	0.004	106	75-125				
Barium	2.92		"	2.00	0.576	117	75-125				
Beryllium	0.029		"	0.0500	-0.026	58.6	75-125	Low Bias			
Cadmium	0.054		"	0.0500	-0.0004	108	75-125				
Calcium	48.3		"	1.00	41.7	659	75-125	High Bias			
Chromium	0.451		"	0.200	0.234	108	75-125				
Cobalt	0.668		"	0.500	0.096	114	75-125				
Copper	0.554		"	0.250	0.243	125	75-125				
Iron	196		"	1.00	170	NR	75-125	High Bias			
Lead	1.19		"	0.500	0.559	126	75-125	High Bias			
Magnesium	37.6		"	1.00	34.2	341	75-125	High Bias			
Manganese	4.60		"	0.500	3.95	129	75-125	High Bias			
Nickel	0.945		"	0.500	0.361	117	75-125				
Potassium	15.3		"	1.00	14.2	119	75-125				
Selenium	1.73		"	2.00	-0.155	86.7	75-125				
Silver	-0.006		"	0.0500	-0.042		75-125	Low Bias			
Sodium	3.35		"	1.00	2.03	132	75-125	High Bias			
Thallium	2.06		"	2.00	-0.050	103	75-125				
Vanadium	0.894		"	0.500	0.318	115	75-125				
Zinc	1.07		"	0.500	0.472	119	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 BI01002 - EPA 3050B											
Reference (BI01002-SRM1)								Prepared: 09/18/2020 Analyzed: 09/23/2020			
Aluminum	9480	5.00	mg/kg wet	8460		112	50.5-150.1				
Antimony	63.7	2.50	"	120		53.1	19-251.7				
Arsenic	102	1.50	"	95.5		107	70.1-129.8				
Barium	340	2.50	"	300		113	75-125				
Beryllium	114	0.050	"	103		110	75-125.2				
Cadmium	152	0.300	"	135		113	74.8-125.2				
Calcium	5280	5.00	"	4720		112	72.7-127.5				
Chromium	164	0.500	"	147		111	70.1-129.9				
Cobalt	51.5	0.400	"	43.2		119	75-125				
Copper	174	2.00	"	150		116	75.3-125.3				
Iron	16200	25.0	"	14400		113	35.8-164.6				
Lead	93.8	0.500	"	92.3		102	70-130				
Magnesium	2550	5.00	"	2300		111	61.7-137.8				
Manganese	757	0.500	"	677		112	78.1-122				
Nickel	78.3	1.00	"	59.8		131	70.1-130.1	High Bias			
Potassium	2160	5.00	"	2030		106	59.1-140.9				
Selenium	24.8	2.50	"	42.0		59.1	55.7-144.5				
Silver	39.9	0.500	"	40.3		99.1	69.2-130.8				
Sodium	144	50.0	"	139		104	36.1-163.3				
Thallium	87.0	2.50	"	83.1		105	65.3-146.8				
Vanadium	104	1.00	"	96.9		108	67-133.1				
Zinc	406	2.50	"	369		110	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 BI01297 - EPA 7473 soil											
Blank (BI01297-BLK1)								Prepared & Analyzed: 09/23/2020			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BI01297-DUP1)	*Source sample: 20I0812-01 (SW01_56)							Prepared & Analyzed: 09/23/2020			
Mercury	ND	0.0312	mg/kg dry		ND					35	
Matrix Spike (BI01297-MS1)	*Source sample: 20I0812-01 (SW01_56)							Prepared & Analyzed: 09/23/2020			
Mercury	0.528		mg/kg	0.500	0.0264	100	75-125				
Reference (BI01297-SRM1)								Prepared & Analyzed: 09/23/2020			
Mercury	2.8050		mg/kg	3.71		75.6	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 BI01116 - EPA SW846-3060											
Blank (BI01116-BLK1)								Prepared & Analyzed: 09/21/2020			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BI01116-DUP1)	*Source sample: 20I0881-01 (Duplicate)							Prepared & Analyzed: 09/21/2020			
Chromium, Hexavalent	ND	0.593	mg/kg dry		ND					35	
Matrix Spike (BI01116-MS1)	*Source sample: 20I0773-20 (Matrix Spike)							Prepared & Analyzed: 09/21/2020			
Chromium, Hexavalent	6.95	0.511	mg/kg dry	20.4	ND	34.0	75-125	Low Bias			
Reference (BI01116-SRM1)								Prepared & Analyzed: 09/21/2020			
Chromium, Hexavalent	87.9		mg/L	92.5		95.0	25.95-196.76				
Batch BI01196 - EPA SW846-3060											
Blank (BI01196-BLK1)								Prepared & Analyzed: 09/22/2020			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BI01196-DUP1)	*Source sample: 20I0797-07 (Duplicate)							Prepared & Analyzed: 09/22/2020			
Chromium, Hexavalent	ND	0.578	mg/kg dry		ND					35	
Matrix Spike (BI01196-MS1)	*Source sample: 20I0797-07 (Matrix Spike)							Prepared & Analyzed: 09/22/2020			
Chromium, Hexavalent	ND	0.578	mg/kg dry	23.1	ND		75-125	Low Bias			
Reference (BI01196-SRM1)								Prepared & Analyzed: 09/22/2020			
Chromium, Hexavalent	58.5		mg/L	92.5		63.3	25.95-196.76				
Batch BI01230 - Analysis Preparation Soil											
Blank (BI01230-BLK1)								Prepared & Analyzed: 09/22/2020			
Cyanide, total	ND	0.500	mg/kg wet								

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 BI01230 - Analysis Preparation Soil											
Duplicate (BI01230-DUP1)	*Source sample: 20I0865-02 (Duplicate)								Prepared & Analyzed: 09/22/2020		
Cyanide, total	4.45	0.624	mg/kg dry		4.28				4.00	15	
Matrix Spike (BI01230-MS1)	*Source sample: 20I0865-02 (Matrix Spike)								Prepared & Analyzed: 09/22/2020		
Cyanide, total	14.6	0.624	mg/kg dry	1.25	4.28	826	79.6-107	High Bias			
Reference (BI01230-SRM1)									Prepared & Analyzed: 09/22/2020		
Cyanide, total	102		ug/mL	96.2		106	42.41-156.96				

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 BI01018 - % Solids Prep											
Duplicate (BI01018-DUP1)	*Source sample: 20I0763-05 (Duplicate)							Prepared & Analyzed: 09/18/2020			
% Solids	95.5	0.100	%		92.7				2.96	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20I0812-01	SW01_56	40mL 01_Clear Vial Cool to 4° C
20I0812-02	SW02_56	40mL 01_Clear Vial Cool to 4° C
20I0812-03	TB01_091720	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20I0812-04	EP20_EL54	40mL 01_Clear Vial Cool to 4° C
20I0812-05	EP24_EL54	40mL 01_Clear Vial Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

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-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.
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.

Revision Description: This report has been revised to correct Sample IDs.

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. 20I0812

Page 1 of 1

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: LANGAN	Company:	Company:	170384501	RUSH - Next Day VOCs ONLY X
Address: 360 W 31st St. 8th Floor, NY	Address:	Address:	YOUR Project Name: 805-825 ATLANTIC AVENUE	RUSH - Two Day
Phone: 2124795400	Phone:	Phone:		RUSH - Three Day
Contact: Kim Senor	Contact:	Contact:		RUSH - Four Day
E-mail: ksenor@langan.com	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day) X

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

TOMAS MONTI

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 | 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
SW01-S6	S	9/17/20 700	TCL/TAL PART 375 VOCs, SVOCs, METALS, PESTICIDES, TCN, TRI/HEX CHROM	
SW02-S6	S	9/17/20 800	TCL/TAL PART 375 VOCs, SVOCs, METALS, PESTICIDES, TCN, TRI/HEX CHROM	
TT301-091720	AQ	9/17/20 1000	TCL/TAL PART 375 VOCs	
EP20-ELS4	S	9/17/20 1100	TCL/TAL PART 375 VOCs, SVOCs, METALS, PESTICIDES, TCN, TRI/HEX CHROM	
EP24-ELS4	S	9/17/20 1200	TCL/TAL PART 375 VOCs, SVOCs, METALS, PESTICIDES, TCN, TRI/HEX CHROM	

Comments: (A) 24 HR TAT VOCs ONLY STANDARD TAT FOR ALL OTHER ANALYSES

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
TOMAS MONTI/LANGAN	9/17/20 12:10	Ed Hall	9/17/20 12:50	Ed Hall	9/17/20 1828
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 Blocher	9/17/20 1828 / 4.0 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: 10/02/2020
Client Project ID: 170384501
York Project (SDG) No.: 20I1295

Report Date: 10/02/2020
Client Project ID: 170384501
York Project (SDG) No.: 20I1295

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 September 30, 2020 and listed below. The project was identified as your project: **170384501**.

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
20I1295-01	EP19_e156	Soil	09/30/2020	09/30/2020
20I1295-02	DUP01_093020	Soil	09/30/2020	09/30/2020
20I1295-03	TB01_093020	Water	09/30/2020	09/30/2020

General Notes for York Project (SDG) No.: 20I1295

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: 10/02/2020

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: EP19_e156 **York Sample ID:** 20I1295-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1295	170384501	Soil	September 30, 2020 7:00 am	09/30/2020

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	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	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	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	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	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP19_e156 **York Sample ID:** 20I1295-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1295	170384501	Soil	September 30, 2020 7:00 am	09/30/2020

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	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.12**		mg/kg dry	0.0061	0.012	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP19_e156 **York Sample ID:** 20I1295-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1295	170384501	Soil	September 30, 2020 7:00 am	09/30/2020

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	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	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	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP19_e156 **York Sample ID:** 20I1295-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1295	170384501	Soil	September 30, 2020 7:00 am	09/30/2020

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	0.0030	0.0061	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0091	0.018	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:07	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*110 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.8 %*	*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	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0969	0.194	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0969	0.194	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0969	0.194	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP19_e156 **York Sample ID:** 20I1295-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1295	170384501	Soil	September 30, 2020 7:00 am	09/30/2020

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	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0969	0.194	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0969	0.194	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0969	0.194	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0969	0.194	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0969	0.194	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.194	0.388	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.0907**	J	mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.194	0.388	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.218**		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP19_e156 **York Sample ID:** 20I1295-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1295	170384501	Soil	September 30, 2020 7:00 am	09/30/2020

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**	**0.192**		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	**Benzo(b)fluoranthene**	**0.153**		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	**Benzo(g,h,i)perylene**	**0.112**		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	**Benzo(k)fluoranthene**	**0.150**		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
105-60-2	Caprolactam	ND		mg/kg dry	0.0969	0.194	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
86-74-8	Carbazole	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
218-01-9	**Chrysene**	**0.207**		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
122-39-4	Diphenylamine	ND		mg/kg dry	0.0969	0.194	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
206-44-0	**Fluoranthene**	**0.473**		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: EP19_e156 **York Sample ID:** 20I1295-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1295	170384501	Soil	September 30, 2020 7:00 am	09/30/2020

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	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.125**		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.452**		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.443**		mg/kg dry	0.0486	0.0969	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.194	0.388	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*74.8 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*75.5 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*70.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*76.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*74.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*86.0 %*	*24-116*

Sample Information

Client Sample ID: EP19_e156 **York Sample ID:** 20I1295-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1295	170384501	Soil	September 30, 2020 7:00 am	09/30/2020

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	0.00195	5	EPA 8081B	09/30/2020 18:20	10/01/2020 09:35	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00195	5	EPA 8081B	09/30/2020 18:20	10/01/2020 09:35	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00195	5	EPA 8081B	09/30/2020 18:20	10/01/2020 09:35	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00195	5	EPA 8081B	09/30/2020 18:20	10/01/2020 09:35	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00195	5	EPA 8081B	09/30/2020 18:20	10/01/2020 09:35	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00195	5	EPA 8081B	09/30/2020 18:20	10/01/2020 09:35	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00195	5	EPA 8081B	09/30/2020 18:20	10/01/2020 09:35	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0390	5	EPA 8081B	09/30/2020 18:20	10/01/2020 09:35	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00195	5	EPA 8081B	09/30/2020 18:20	10/01/2020 09:35	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00195	5	EPA 8081B	09/30/2020 18:20	10/01/2020 09:35	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00195	5	EPA 8081B	09/30/2020 18:20	10/01/2020 09:35	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00195	5	EPA 8081B	09/30/2020 18:20	10/01/2020 09:35	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00195	5	EPA 8081B	09/30/2020 18:20	10/01/2020 09:35	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00195	5	EPA 8081B	09/30/2020 18:20	10/01/2020 09:35	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00195	5	EPA 8081B	09/30/2020 18:20	10/01/2020 09:35	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00195	5	EPA 8081B	09/30/2020 18:20	10/01/2020 09:35	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00195	5	EPA 8081B	09/30/2020 18:20	10/01/2020 09:35	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00195	5	EPA 8081B	09/30/2020 18:20	10/01/2020 09:35	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00195	5	EPA 8081B	09/30/2020 18:20	10/01/2020 09:35	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00195	5	EPA 8081B	09/30/2020 18:20	10/01/2020 09:35	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00975	5	EPA 8081B	09/30/2020 18:20	10/01/2020 09:35	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP19_e156 **York Sample ID:** 20I1295-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1295	170384501	Soil	September 30, 2020 7:00 am	09/30/2020

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
8001-35-2	Toxaphene	ND		mg/kg dry	0.0987	5	EPA 8081B	09/30/2020 18:20	10/01/2020 09:35	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*74.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*57.2 %*	*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**	**9370**		mg/kg dry	5.95	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:19	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.97	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:19	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.78	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:19	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**62.4**		mg/kg dry	2.97	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:19	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.059	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:19	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.357	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:19	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**6210**		mg/kg dry	5.95	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:19	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**22.6**		mg/kg dry	0.595	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:19	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**9.21**		mg/kg dry	0.476	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:19	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**25.6**		mg/kg dry	2.38	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:19	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**16300**		mg/kg dry	29.7	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:19	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**105**		mg/kg dry	0.595	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:19	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3530**		mg/kg dry	5.95	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:19	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**377**		mg/kg dry	0.595	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:19	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**35.6**		mg/kg dry	1.19	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:19	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1360**		mg/kg dry	5.95	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:19	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP19_e156 **York Sample ID:** 20I1295-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1295	170384501	Soil	September 30, 2020 7:00 am	09/30/2020

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
7782-49-2	Selenium	ND		mg/kg dry	2.97	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:19	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.595	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:19	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**221**		mg/kg dry	59.5	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:19	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.97	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:19	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**29.3**		mg/kg dry	1.19	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:19	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**95.9**		mg/kg dry	2.97	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:19	WJM
							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**	**0.0579**		mg/kg dry	0.0357	1	EPA 7473	09/30/2020 15:04	09/30/2020 22:44	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	0.595	1	EPA 7196A	10/01/2020 08:51	10/01/2020 17:00	JAG
							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**	**22.6**		mg/kg	0.500	1	Calculation	10/01/2020 14:13	10/01/2020 17:32	AD
							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	0.595	1	EPA 9014/9010C	10/01/2020 08:41	10/01/2020 16:26	OT
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

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

Sample Information

Client Sample ID: EP19_e156 **York Sample ID:** 20I1295-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1295	170384501	Soil	September 30, 2020 7:00 am	09/30/2020

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	**84.1**		%	0.100	1	SM 2540G	10/01/2020 08:37	10/01/2020 14:40	SK
							Certifications: CTDOH			

Sample Information

Client Sample ID: DUP01_093020 **York Sample ID:** 20I1295-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1295	170384501	Soil	September 30, 2020 12:00 am	09/30/2020

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	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	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	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.033	0.067	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP01_093020 **York Sample ID:** 20I1295-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1295	170384501	Soil	September 30, 2020 12:00 am	09/30/2020

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	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP01_093020 **York Sample ID:** 20I1295-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1295	170384501	Soil	September 30, 2020 12:00 am	09/30/2020

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	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP01_093020 **York Sample ID:** 20I1295-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1295	170384501	Soil	September 30, 2020 12:00 am	09/30/2020

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	0.0017	0.0033	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	09/30/2020 09:00	09/30/2020 18:34	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*110 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*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	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0967	0.193	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0967	0.193	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0967	0.193	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP01_093020 **York Sample ID:** 20I1295-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1295	170384501	Soil	September 30, 2020 12:00 am	09/30/2020

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	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0967	0.193	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0967	0.193	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0967	0.193	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0967	0.193	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0967	0.193	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**0.0487**	J	mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.194	0.387	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.130**		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.194	0.387	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.299**		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP01_093020 **York Sample ID:** 20I1295-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1295	170384501	Soil	September 30, 2020 12:00 am	09/30/2020

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**	**0.260**		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	**Benzo(b)fluoranthene**	**0.202**		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	**Benzo(g,h,i)perylene**	**0.153**		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	**Benzo(k)fluoranthene**	**0.227**		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
105-60-2	Caprolactam	ND		mg/kg dry	0.0967	0.193	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
86-74-8	**Carbazole**	**0.0487**	J	mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
218-01-9	**Chrysene**	**0.277**		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
122-39-4	Diphenylamine	ND		mg/kg dry	0.0967	0.193	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
206-44-0	**Fluoranthene**	**0.649**		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: DUP01_093020 **York Sample ID:** 20I1295-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1295	170384501	Soil	September 30, 2020 12:00 am	09/30/2020

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	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.159**		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
78-59-1	Isophorone	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	**Naphthalene**	**0.0502**	J	mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
85-01-8	**Phenanthrene**	**0.566**		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**0.577**		mg/kg dry	0.0485	0.0967	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND		mg/kg dry	0.194	0.387	2	EPA 8270D	10/01/2020 14:48	10/02/2020 13:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*80.8 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*80.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*75.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*77.9 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*78.5 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*83.2 %*	*24-116*

Sample Information

Client Sample ID: DUP01_093020 **York Sample ID:** 20I1295-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1295	170384501	Soil	September 30, 2020 12:00 am	09/30/2020

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	09/30/2020 18:20	10/01/2020 09:51	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00194	5	EPA 8081B	09/30/2020 18:20	10/01/2020 09:51	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00194	5	EPA 8081B	09/30/2020 18:20	10/01/2020 09:51	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00194	5	EPA 8081B	09/30/2020 18:20	10/01/2020 09:51	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00194	5	EPA 8081B	09/30/2020 18:20	10/01/2020 09:51	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00194	5	EPA 8081B	09/30/2020 18:20	10/01/2020 09:51	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00194	5	EPA 8081B	09/30/2020 18:20	10/01/2020 09:51	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0388	5	EPA 8081B	09/30/2020 18:20	10/01/2020 09:51	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00194	5	EPA 8081B	09/30/2020 18:20	10/01/2020 09:51	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00194	5	EPA 8081B	09/30/2020 18:20	10/01/2020 09:51	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00194	5	EPA 8081B	09/30/2020 18:20	10/01/2020 09:51	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00194	5	EPA 8081B	09/30/2020 18:20	10/01/2020 09:51	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00194	5	EPA 8081B	09/30/2020 18:20	10/01/2020 09:51	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00194	5	EPA 8081B	09/30/2020 18:20	10/01/2020 09:51	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00194	5	EPA 8081B	09/30/2020 18:20	10/01/2020 09:51	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00194	5	EPA 8081B	09/30/2020 18:20	10/01/2020 09:51	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00194	5	EPA 8081B	09/30/2020 18:20	10/01/2020 09:51	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00194	5	EPA 8081B	09/30/2020 18:20	10/01/2020 09:51	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00194	5	EPA 8081B	09/30/2020 18:20	10/01/2020 09:51	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00194	5	EPA 8081B	09/30/2020 18:20	10/01/2020 09:51	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00969	5	EPA 8081B	09/30/2020 18:20	10/01/2020 09:51	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP01_093020 **York Sample ID:** 20I1295-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1295	170384501	Soil	September 30, 2020 12:00 am	09/30/2020

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
8001-35-2	Toxaphene	ND		mg/kg dry	0.0981	5	EPA 8081B	09/30/2020 18:20	10/01/2020 09:51	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*92.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*70.2 %*	*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**	**9020**		mg/kg dry	5.91	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:21	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.96	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:21	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**1.97**		mg/kg dry	1.77	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:21	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**61.3**		mg/kg dry	2.96	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:21	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.059	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:21	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.355	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:21	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**5980**		mg/kg dry	5.91	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:21	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**22.2**		mg/kg dry	0.591	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:21	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**9.47**		mg/kg dry	0.473	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:21	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**26.7**		mg/kg dry	2.37	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:21	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**17200**		mg/kg dry	29.6	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:21	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**89.4**		mg/kg dry	0.591	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:21	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3500**		mg/kg dry	5.91	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:21	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**371**		mg/kg dry	0.591	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:21	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**36.8**		mg/kg dry	1.18	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:21	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1370**		mg/kg dry	5.91	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:21	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP01_093020 **York Sample ID:** 20I1295-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1295	170384501	Soil	September 30, 2020 12:00 am	09/30/2020

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
7782-49-2	Selenium	ND		mg/kg dry	2.96	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:21	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.591	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:21	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**224**		mg/kg dry	59.1	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:21	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.96	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:21	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**31.6**		mg/kg dry	1.18	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:21	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**51.5**		mg/kg dry	2.96	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:21	WJM
							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**	**0.0454**		mg/kg dry	0.0355	1	EPA 7473	09/30/2020 15:04	09/30/2020 22:53	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	0.591	1	EPA 7196A	10/01/2020 08:51	10/01/2020 17:00	JAG
							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	10/01/2020 14:13	10/01/2020 17:32	AD
							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	0.591	1	EPA 9014/9010C	10/01/2020 08:41	10/01/2020 16:26	OT
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

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

Sample Information

Client Sample ID: DUP01_093020 **York Sample ID:** 20I1295-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1295	170384501	Soil	September 30, 2020 12:00 am	09/30/2020

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	10/01/2020 08:37	10/01/2020 14:40	SK
							Certifications: CTDOH			

Sample Information

Client Sample ID: TB01_093020 **York Sample ID:** 20I1295-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1295	170384501	Water	September 30, 2020 9:20 am	09/30/2020

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	10/01/2020 06:44	10/01/2020 13:16	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	10/01/2020 06:44	10/01/2020 13:16	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	10/01/2020 06:44	10/01/2020 13:16	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	10/01/2020 06:44	10/01/2020 13:16	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	10/01/2020 06:44	10/01/2020 13:16	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	10/01/2020 06:44	10/01/2020 13:16	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	10/01/2020 06:44	10/01/2020 13:16	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	10/01/2020 06:44	10/01/2020 13:16	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	10/01/2020 06:44	10/01/2020 13:16	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	10/01/2020 06:44	10/01/2020 13:16	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	10/01/2020 06:44	10/01/2020 13:16	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	10/01/2020 06:44	10/01/2020 13:16	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	10/01/2020 06:44	10/01/2020 13:16	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	10/01/2020 06:44	10/01/2020 13:16	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	10/01/2020 06:44	10/01/2020 13:16	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	10/01/2020 06:44	10/01/2020 13:16	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	10/01/2020 06:44	10/01/2020 13:16	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	10/01/2020 06:44	10/01/2020 13:16	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	10/01/2020 06:44	10/01/2020 13:16	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	10/01/2020 06:44	10/01/2020 13:16	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**5.16**		ug/L	0.200	0.500	1	EPA 8260C	10/01/2020 06:44	10/01/2020 13:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB01_093020 **York Sample ID:** 20I1295-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1295	170384501	Water	September 30, 2020 9:20 am	09/30/2020

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**	**1.11**		ug/L	0.200	0.500	1	EPA 8260C	10/01/2020 06:44	10/01/2020 13:16	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	10/01/2020 06:44	10/01/2020 13:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**12.4**		ug/L	1.00	2.00	1	EPA 8260C	10/01/2020 06:44	10/01/2020 13:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	10/01/2020 06:44	10/01/2020 13:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	10/01/2020 06:44	10/01/2020 13:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/01/2020 06:44	10/01/2020 13:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/01/2020 06:44	10/01/2020 13:16	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/01/2020 06:44	10/01/2020 13:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	10/01/2020 06:44	10/01/2020 13:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/01/2020 06:44	10/01/2020 13:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	10/01/2020 06:44	10/01/2020 13:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	10/01/2020 06:44	10/01/2020 13:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/01/2020 06:44	10/01/2020 13:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/01/2020 06:44	10/01/2020 13:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	10/01/2020 06:44	10/01/2020 13:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/01/2020 06:44	10/01/2020 13:16	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	10/01/2020 06:44	10/01/2020 13:16	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	10/01/2020 06:44	10/01/2020 13:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/01/2020 06:44	10/01/2020 13:16	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/01/2020 06:44	10/01/2020 13:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/01/2020 06:44	10/01/2020 13:16	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/01/2020 06:44	10/01/2020 13:16	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB01_093020 **York Sample ID:** 20I1295-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1295	170384501	Water	September 30, 2020 9:20 am	09/30/2020

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	10/01/2020 06:44	10/01/2020 13:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/01/2020 06:44	10/01/2020 13:16	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/01/2020 06:44	10/01/2020 13:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	10/01/2020 06:44	10/01/2020 13:16	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	10/01/2020 06:44	10/01/2020 13:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/01/2020 06:44	10/01/2020 13:16	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	10/01/2020 06:44	10/01/2020 13:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/01/2020 06:44	10/01/2020 13:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/01/2020 06:44	10/01/2020 13:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/01/2020 06:44	10/01/2020 13:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	10/01/2020 06:44	10/01/2020 13:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/01/2020 06:44	10/01/2020 13:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/01/2020 06:44	10/01/2020 13:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/01/2020 06:44	10/01/2020 13:16	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	10/01/2020 06:44	10/01/2020 13:16	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/01/2020 06:44	10/01/2020 13:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/01/2020 06:44	10/01/2020 13:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/01/2020 06:44	10/01/2020 13:16	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	10/01/2020 06:44	10/01/2020 13:16	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	10/01/2020 06:44	10/01/2020 13:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	10/01/2020 06:44	10/01/2020 13:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	10/01/2020 06:44	10/01/2020 13:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB01_093020 **York Sample ID:** 20I1295-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1295	170384501	Water	September 30, 2020 9:20 am	09/30/2020

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	10/01/2020 06:44	10/01/2020 13:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	10/01/2020 06:44	10/01/2020 13:16	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*113 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*79-122*

Analytical Batch Summary

Batch ID: BI01665 **Preparation Method:** EPA 3550C **Prepared By:** JV

YORK Sample ID	Client Sample ID	Preparation Date
20I1295-01	EP19_e156	09/30/20
20I1295-02	DUP01_093020	09/30/20
BI01665-BLK1	Blank	09/30/20
BI01665-BS1	LCS	09/30/20

Batch ID: BI01717 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20I1295-01	EP19_e156	09/30/20
20I1295-02	DUP01_093020	09/30/20
BI01717-BLK1	Blank	09/30/20
BI01717-SRM1	Reference	09/30/20

Batch ID: BI01734 **Preparation Method:** EPA 5035A **Prepared By:** AS

YORK Sample ID	Client Sample ID	Preparation Date
20I1295-01	EP19_e156	09/30/20
20I1295-02	DUP01_093020	09/30/20
BI01734-BLK1	Blank	09/30/20
BI01734-BLK2	Blank	09/30/20
BI01734-BLK3	Blank	09/30/20
BI01734-BLK4	Blank	09/30/20
BI01734-BS1	LCS	09/30/20
BI01734-BSD1	LCS Dup	09/30/20

Batch ID: BJ00005 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20I1295-01	EP19_e156	10/01/20
20I1295-02	DUP01_093020	10/01/20
BJ00005-BLK1	Blank	10/01/20
BJ00005-SRM1	Reference	10/01/20

Batch ID: BJ00009 **Preparation Method:** % Solids Prep **Prepared By:** OT

YORK Sample ID	Client Sample ID	Preparation Date
20I1295-01	EP19_e156	10/01/20
20I1295-02	DUP01_093020	10/01/20

Batch ID: BJ00010 **Preparation Method:** Analysis Preparation Soil **Prepared By:** OT

YORK Sample ID	Client Sample ID	Preparation Date

20I1295-01	EP19_e156	10/01/20
20I1295-02	DUP01_093020	10/01/20
BJ00010-BLK1	Blank	10/01/20
BJ00010-SRM1	Reference	10/01/20

Batch ID: BJ00014 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAG

YORK Sample ID	Client Sample ID	Preparation Date
20I1295-01	EP19_e156	10/01/20
20I1295-02	DUP01_093020	10/01/20
BJ00014-BLK1	Blank	10/01/20
BJ00014-SRM1	Reference	10/01/20

Batch ID: BJ00061 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
20I1295-01	EP19_e156	10/01/20
20I1295-02	DUP01_093020	10/01/20

Batch ID: BJ00067 **Preparation Method:** EPA 3550C **Prepared By:** LJ

YORK Sample ID	Client Sample ID	Preparation Date
20I1295-01	EP19_e156	10/01/20
20I1295-02	DUP01_093020	10/01/20
BJ00067-BLK1	Blank	10/01/20
BJ00067-BS1	LCS	10/01/20

Batch ID: BJ00073 **Preparation Method:** EPA 5030B **Prepared By:** TMP

YORK Sample ID	Client Sample ID	Preparation Date
20I1295-03	TB01_093020	10/01/20
BJ00073-BLK1	Blank	10/01/20
BJ00073-BS1	LCS	10/01/20
BJ00073-BSD1	LCS Dup	10/01/20

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 BI01734 - EPA 5035A											
Blank (BI01734-BLK1) Blank									Prepared & Analyzed: 09/30/2020		
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

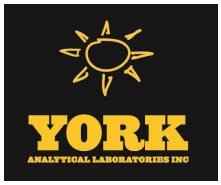
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI01734 - EPA 5035A											
Blank (BI01734-BLK1) Blank									Prepared & Analyzed: 09/30/2020		
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	*53.8*		*ug/L*	*50.0*		*108*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.3*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.1*		*"*	*50.0*		*98.3*	*76-130*				
Blank (BI01734-BLK2) MeOH Blank									Prepared & Analyzed: 09/30/2020		
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 BI01734 - EPA 5035A											
Blank (BI01734-BLK2) MeOH Blank									Prepared & Analyzed: 09/30/2020		
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	*53.4*		*ug/L*	*50.0*		*107*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.2*		*"*	*50.0*		*100*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.4*		*"*	*50.0*		*98.7*	*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 BI01734 - EPA 5035A											
Blank (BI01734-BLK3) 20I1295-HOLDING BLANK									Prepared & Analyzed: 09/30/2020		
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 BI01734 - EPA 5035A											
Blank (BI01734-BLK3) 20I1295-HOLDING BLANK								Prepared & Analyzed: 09/30/2020			
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	*54.6*		*ug/L*	*50.0*		*109*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.7*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.6*		*"*	*50.0*		*99.1*	*76-130*				
Blank (BI01734-BLK4) 20I1297-HOLDING BLANK								Prepared & Analyzed: 09/30/2020			
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	"								

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 BI01734 - EPA 5035A											
Blank (BI01734-BLK4) 20I1297-HOLDING BLANK									Prepared & Analyzed: 09/30/2020		
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	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	*55.1*		*ug/L*	*50.0*		*110*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.7*		*"*	*50.0*		*101*	*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 BI01734 - EPA 5035A											
LCS (BI01734-BS1) LCS							Prepared & Analyzed: 09/30/2020				
1,1,1,2-Tetrachloroethane	56.3		ug/L	50.0		113	75-129				
1,1,1-Trichloroethane	56.8		"	50.0		114	71-137				
1,1,2,2-Tetrachloroethane	53.4		"	50.0		107	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	58.9		"	50.0		118	58-146				
1,1,2-Trichloroethane	53.2		"	50.0		106	83-123				
1,1-Dichloroethane	50.5		"	50.0		101	75-130				
1,1-Dichloroethylene	54.9		"	50.0		110	64-137				
1,2,3-Trichlorobenzene	56.0		"	50.0		112	81-140				
1,2,3-Trichloropropane	58.2		"	50.0		116	81-126				
1,2,4-Trichlorobenzene	57.4		"	50.0		115	80-141				
1,2,4-Trimethylbenzene	57.5		"	50.0		115	84-125				
1,2-Dibromo-3-chloropropane	55.7		"	50.0		111	74-142				
1,2-Dibromoethane	54.3		"	50.0		109	86-123				
1,2-Dichlorobenzene	54.0		"	50.0		108	85-122				
1,2-Dichloroethane	52.2		"	50.0		104	71-133				
1,2-Dichloropropane	46.6		"	50.0		93.1	81-122				
1,3,5-Trimethylbenzene	56.6		"	50.0		113	82-126				
1,3-Dichlorobenzene	54.7		"	50.0		109	84-124				
1,4-Dichlorobenzene	55.2		"	50.0		110	84-124				
1,4-Dioxane	1190		"	1050		114	10-228				
2-Butanone	56.4		"	50.0		113	58-147				
2-Hexanone	49.3		"	50.0		98.5	70-139				
4-Methyl-2-pentanone	48.9		"	50.0		97.9	72-132				
Acetone	39.9		"	50.0		79.7	36-155				
Acrolein	59.8		"	50.0		120	10-238				
Acrylonitrile	49.9		"	50.0		99.8	66-141				
Benzene	52.1		"	50.0		104	77-127				
Bromochloromethane	47.3		"	50.0		94.7	74-129				
Bromodichloromethane	54.6		"	50.0		109	81-124				
Bromoform	55.2		"	50.0		110	80-136				
Bromomethane	70.5		"	50.0		141	32-177				
Carbon disulfide	55.0		"	50.0		110	10-136				
Carbon tetrachloride	58.3		"	50.0		117	66-143				
Chlorobenzene	53.8		"	50.0		108	86-120				
Chloroethane	64.9		"	50.0		130	51-142				
Chloroform	55.4		"	50.0		111	76-131				
Chloromethane	58.0		"	50.0		116	49-132				
cis-1,2-Dichloroethylene	51.0		"	50.0		102	74-132				
cis-1,3-Dichloropropylene	51.7		"	50.0		103	81-129				
Cyclohexane	49.0		"	50.0		98.0	70-130				
Dibromochloromethane	57.0		"	50.0		114	10-200				
Dibromomethane	51.7		"	50.0		103	83-124				
Dichlorodifluoromethane	111		"	50.0		223	28-158	High Bias			
Ethyl Benzene	54.8		"	50.0		110	84-125				
Hexachlorobutadiene	57.0		"	50.0		114	83-133				
Isopropylbenzene	54.6		"	50.0		109	81-127				
Methyl acetate	43.9		"	50.0		87.8	41-143				
Methyl tert-butyl ether (MTBE)	48.4		"	50.0		96.7	74-131				
Methylcyclohexane	51.5		"	50.0		103	70-130				
Methylene chloride	48.2		"	50.0		96.4	57-141				
n-Butylbenzene	56.9		"	50.0		114	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 BI01734 - EPA 5035A											
LCS (BI01734-BS1) LCS							Prepared & Analyzed: 09/30/2020				
n-Propylbenzene	54.6		ug/L	50.0		109	74-136				
o-Xylene	54.4		"	50.0		109	83-123				
p- & m- Xylenes	109		"	100		109	82-128				
p-Isopropyltoluene	57.3		"	50.0		115	85-125				
sec-Butylbenzene	57.8		"	50.0		116	83-125				
Styrene	55.1		"	50.0		110	86-126				
tert-Butyl alcohol (TBA)	214		"	250		85.5	70-130				
tert-Butylbenzene	48.4		"	50.0		96.8	80-127				
Tetrachloroethylene	46.3		"	50.0		92.6	80-129				
Toluene	52.5		"	50.0		105	85-121				
trans-1,2-Dichloroethylene	53.3		"	50.0		107	72-132				
trans-1,3-Dichloropropylene	51.0		"	50.0		102	78-132				
Trichloroethylene	55.1		"	50.0		110	84-123				
Trichlorofluoromethane	64.5		"	50.0		129	62-140				
Vinyl Chloride	63.3		"	50.0		127	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.3*		*"*	*50.0*		*105*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.9*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.1*		*"*	*50.0*		*100*	*76-130*				
LCS Dup (BI01734-BSD1) LCS Dup							Prepared & Analyzed: 09/30/2020				
1,1,1,2-Tetrachloroethane	56.1		ug/L	50.0		112	75-129		0.445	30	
1,1,1-Trichloroethane	57.3		"	50.0		115	71-137		0.788	30	
1,1,2,2-Tetrachloroethane	53.0		"	50.0		106	79-129		0.677	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	59.2		"	50.0		118	58-146		0.423	30	
1,1,2-Trichloroethane	51.7		"	50.0		103	83-123		2.88	30	
1,1-Dichloroethane	50.4		"	50.0		101	75-130		0.139	30	
1,1-Dichloroethylene	55.6		"	50.0		111	64-137		1.32	30	
1,2,3-Trichlorobenzene	55.5		"	50.0		111	81-140		0.969	30	
1,2,3-Trichloropropane	55.7		"	50.0		111	81-126		4.49	30	
1,2,4-Trichlorobenzene	58.3		"	50.0		117	80-141		1.47	30	
1,2,4-Trimethylbenzene	58.6		"	50.0		117	84-125		1.86	30	
1,2-Dibromo-3-chloropropane	51.5		"	50.0		103	74-142		7.91	30	
1,2-Dibromoethane	52.5		"	50.0		105	86-123		3.32	30	
1,2-Dichlorobenzene	53.9		"	50.0		108	85-122		0.260	30	
1,2-Dichloroethane	52.2		"	50.0		104	71-133		0.134	30	
1,2-Dichloropropane	46.9		"	50.0		93.8	81-122		0.770	30	
1,3,5-Trimethylbenzene	57.2		"	50.0		114	82-126		1.02	30	
1,3-Dichlorobenzene	55.1		"	50.0		110	84-124		0.656	30	
1,4-Dichlorobenzene	55.4		"	50.0		111	84-124		0.398	30	
1,4-Dioxane	1070		"	1050		102	10-228		10.8	30	
2-Butanone	46.6		"	50.0		93.3	58-147		18.9	30	
2-Hexanone	43.9		"	50.0		87.8	70-139		11.5	30	
4-Methyl-2-pentanone	44.5		"	50.0		89.1	72-132		9.39	30	
Acetone	36.9		"	50.0		73.8	36-155		7.79	30	
Acrolein	56.0		"	50.0		112	10-238		6.72	30	
Acrylonitrile	47.4		"	50.0		94.7	66-141		5.18	30	
Benzene	52.1		"	50.0		104	77-127		0.0576	30	
Bromochloromethane	46.7		"	50.0		93.4	74-129		1.38	30	
Bromodichloromethane	54.3		"	50.0		109	81-124		0.441	30	
Bromoform	54.1		"	50.0		108	80-136		2.16	30	
Bromomethane	75.1		"	50.0		150	32-177		6.33	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 BI01734 - EPA 5035A											
LCS Dup (BI01734-BSD1) LCS Dup								Prepared & Analyzed: 09/30/2020			
Carbon disulfide	55.6		ug/L	50.0		111	10-136		1.18	30	
Carbon tetrachloride	59.2		"	50.0		118	66-143		1.60	30	
Chlorobenzene	53.0		"	50.0		106	86-120		1.46	30	
Chloroethane	67.3		"	50.0		135	51-142		3.61	30	
Chloroform	55.2		"	50.0		110	76-131		0.235	30	
Chloromethane	60.3		"	50.0		121	49-132		3.97	30	
cis-1,2-Dichloroethylene	51.1		"	50.0		102	74-132		0.274	30	
cis-1,3-Dichloropropylene	50.7		"	50.0		101	81-129		2.09	30	
Cyclohexane	49.7		"	50.0		99.3	70-130		1.32	30	
Dibromochloromethane	55.9		"	50.0		112	10-200		2.05	30	
Dibromomethane	50.3		"	50.0		101	83-124		2.84	30	
Dichlorodifluoromethane	113		"	50.0		226	28-158	High Bias	1.65	30	
Ethyl Benzene	54.3		"	50.0		109	84-125		0.752	30	
Hexachlorobutadiene	58.6		"	50.0		117	83-133		2.79	30	
Isopropylbenzene	55.2		"	50.0		110	81-127		1.07	30	
Methyl acetate	40.3		"	50.0		80.7	41-143		8.43	30	
Methyl tert-butyl ether (MTBE)	47.6		"	50.0		95.1	74-131		1.67	30	
Methylcyclohexane	52.6		"	50.0		105	70-130		2.09	30	
Methylene chloride	49.2		"	50.0		98.4	57-141		2.09	30	
n-Butylbenzene	57.7		"	50.0		115	80-130		1.47	30	
n-Propylbenzene	55.8		"	50.0		112	74-136		2.12	30	
o-Xylene	53.9		"	50.0		108	83-123		0.886	30	
p- & m- Xylenes	108		"	100		108	82-128		0.992	30	
p-Isopropyltoluene	58.1		"	50.0		116	85-125		1.37	30	
sec-Butylbenzene	59.1		"	50.0		118	83-125		2.07	30	
Styrene	55.1		"	50.0		110	86-126		0.109	30	
tert-Butyl alcohol (TBA)	186		"	250		74.4	70-130		14.0	30	
tert-Butylbenzene	49.6		"	50.0		99.3	80-127		2.55	30	
Tetrachloroethylene	46.6		"	50.0		93.1	80-129		0.539	30	
Toluene	52.7		"	50.0		105	85-121		0.323	30	
trans-1,2-Dichloroethylene	53.1		"	50.0		106	72-132		0.395	30	
trans-1,3-Dichloropropylene	50.2		"	50.0		100	78-132		1.62	30	
Trichloroethylene	54.2		"	50.0		108	84-123		1.61	30	
Trichlorofluoromethane	64.4		"	50.0		129	62-140		0.140	30	
Vinyl Chloride	64.3		"	50.0		129	52-130		1.57	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.2*		*"*	*50.0*		*104*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.8*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.6*		*"*	*50.0*		*103*	*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 BJ00073 - EPA 5030B											
Blank (BJ00073-BLK1) Blank									Prepared & Analyzed: 10/01/2020		
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 BJ00073 - EPA 5030B											
Blank (BJ00073-BLK1) Blank								Prepared & Analyzed: 10/01/2020			
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	*11.7*		*"*	*10.0*		*117*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.89*		*"*	*10.0*		*98.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*79-122*				
LCS (BJ00073-BS1) LCS								Prepared & Analyzed: 10/01/2020			
1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	82-126				
1,1,1-Trichloroethane	10.9		"	10.0		109	78-136				
1,1,2,2-Tetrachloroethane	9.10		"	10.0		91.0	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8		"	10.0		108	54-165				
1,1,2-Trichloroethane	9.24		"	10.0		92.4	82-123				
1,1-Dichloroethane	9.21		"	10.0		92.1	82-129				
1,1-Dichloroethylene	10.5		"	10.0		105	68-138				
1,2,3-Trichlorobenzene	7.88		"	10.0		78.8	76-136				
1,2,3-Trichloropropane	11.0		"	10.0		110	77-128				
1,2,4-Trichlorobenzene	8.59		"	10.0		85.9	76-137				
1,2,4-Trimethylbenzene	11.6		"	10.0		116	82-132				
1,2-Dibromo-3-chloropropane	9.74		"	10.0		97.4	45-147				
1,2-Dibromoethane	9.15		"	10.0		91.5	83-124				
1,2-Dichlorobenzene	10.7		"	10.0		107	79-123				
1,2-Dichloroethane	9.73		"	10.0		97.3	73-132				
1,2-Dichloropropane	9.17		"	10.0		91.7	78-126				
1,3,5-Trimethylbenzene	11.9		"	10.0		119	80-131				
1,3-Dichlorobenzene	10.8		"	10.0		108	86-122				
1,4-Dichlorobenzene	10.8		"	10.0		108	85-124				
1,4-Dioxane	194		"	210		92.6	10-349				
2-Butanone	7.37		"	10.0		73.7	49-152				
2-Hexanone	7.92		"	10.0		79.2	51-146				
4-Methyl-2-pentanone	7.36		"	10.0		73.6	57-145				
Acetone	10.1		"	10.0		101	14-150				
Acrolein	9.52		"	10.0		95.2	10-153				
Acrylonitrile	6.95		"	10.0		69.5	51-150				
Benzene	9.41		"	10.0		94.1	85-126				
Bromochloromethane	8.09		"	10.0		80.9	77-128				
Bromodichloromethane	10.4		"	10.0		104	79-128				
Bromoform	9.64		"	10.0		96.4	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 BJ00073 - EPA 5030B											
LCS (BJ00073-BS1) LCS								Prepared & Analyzed: 10/01/2020			
Bromomethane	2.38		ug/L	10.0		23.8	43-168	Low Bias			
Carbon disulfide	9.74		"	10.0		97.4	68-146				
Carbon tetrachloride	11.0		"	10.0		110	77-141				
Chlorobenzene	10.0		"	10.0		100	88-120				
Chloroethane	9.63		"	10.0		96.3	65-136				
Chloroform	10.0		"	10.0		100	82-128				
Chloromethane	10.1		"	10.0		101	43-155				
cis-1,2-Dichloroethylene	9.54		"	10.0		95.4	83-129				
cis-1,3-Dichloropropylene	9.40		"	10.0		94.0	80-131				
Cyclohexane	9.76		"	10.0		97.6	63-149				
Dibromochloromethane	10.1		"	10.0		101	80-130				
Dibromomethane	9.20		"	10.0		92.0	72-134				
Dichlorodifluoromethane	14.2		"	10.0		142	44-144				
Ethyl Benzene	10.8		"	10.0		108	80-131				
Hexachlorobutadiene	8.03		"	10.0		80.3	67-146				
Isopropylbenzene	11.7		"	10.0		117	76-140				
Methyl acetate	7.22		"	10.0		72.2	51-139				
Methyl tert-butyl ether (MTBE)	8.25		"	10.0		82.5	76-135				
Methylcyclohexane	10.4		"	10.0		104	72-143				
Methylene chloride	8.65		"	10.0		86.5	55-137				
n-Butylbenzene	10.6		"	10.0		106	79-132				
n-Propylbenzene	11.6		"	10.0		116	78-133				
o-Xylene	10.5		"	10.0		105	78-130				
p- & m- Xylenes	21.8		"	20.0		109	77-133				
p-Isopropyltoluene	11.4		"	10.0		114	81-136				
sec-Butylbenzene	11.8		"	10.0		118	79-137				
Styrene	10.5		"	10.0		105	67-132				
tert-Butyl alcohol (TBA)	28.8		"	50.0		57.6	25-162				
tert-Butylbenzene	10.2		"	10.0		102	77-138				
Tetrachloroethylene	11.2		"	10.0		112	82-131				
Toluene	10.2		"	10.0		102	80-127				
trans-1,2-Dichloroethylene	10.0		"	10.0		100	80-132				
trans-1,3-Dichloropropylene	8.86		"	10.0		88.6	78-131				
Trichloroethylene	11.1		"	10.0		111	82-128				
Trichlorofluoromethane	12.5		"	10.0		125	67-139				
Vinyl Chloride	10.8		"	10.0		108	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.95*		*"*	*10.0*		*99.5*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.7*		*"*	*10.0*		*107*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

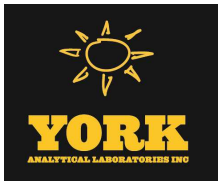
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ00073 - EPA 5030B											
LCS Dup (BJ00073-BSD1) LCS Dup								Prepared & Analyzed: 10/01/2020			
1,1,1,2-Tetrachloroethane	10.7		ug/L	10.0		107	82-126		2.66	30	
1,1,1-Trichloroethane	10.5		"	10.0		105	78-136		3.27	30	
1,1,2,2-Tetrachloroethane	10.0		"	10.0		100	76-129		9.82	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2		"	10.0		102	54-165		5.04	30	
1,1,2-Trichloroethane	9.88		"	10.0		98.8	82-123		6.69	30	
1,1-Dichloroethane	9.26		"	10.0		92.6	82-129		0.541	30	
1,1-Dichloroethylene	10.1		"	10.0		101	68-138		3.50	30	
1,2,3-Trichlorobenzene	8.23		"	10.0		82.3	76-136		4.35	30	
1,2,3-Trichloropropane	11.5		"	10.0		115	77-128		4.37	30	
1,2,4-Trichlorobenzene	9.16		"	10.0		91.6	76-137		6.42	30	
1,2,4-Trimethylbenzene	10.9		"	10.0		109	82-132		6.85	30	
1,2-Dibromo-3-chloropropane	10.0		"	10.0		100	45-147		2.93	30	
1,2-Dibromoethane	9.87		"	10.0		98.7	83-124		7.57	30	
1,2-Dichlorobenzene	10.6		"	10.0		106	79-123		0.282	30	
1,2-Dichloroethane	10.5		"	10.0		105	73-132		7.61	30	
1,2-Dichloropropane	9.14		"	10.0		91.4	78-126		0.328	30	
1,3,5-Trimethylbenzene	10.9		"	10.0		109	80-131		8.86	30	
1,3-Dichlorobenzene	10.4		"	10.0		104	86-122		3.78	30	
1,4-Dichlorobenzene	10.5		"	10.0		105	85-124		2.63	30	
1,4-Dioxane	231		"	210		110	10-349		17.0	30	
2-Butanone	11.0		"	10.0		110	49-152		39.7	30	Non-dir.
2-Hexanone	9.53		"	10.0		95.3	51-146		18.5	30	
4-Methyl-2-pentanone	8.56		"	10.0		85.6	57-145		15.1	30	
Acetone	11.0		"	10.0		110	14-150		8.54	30	
Acrolein	10.6		"	10.0		106	10-153		10.7	30	
Acrylonitrile	8.25		"	10.0		82.5	51-150		17.1	30	
Benzene	9.30		"	10.0		93.0	85-126		1.18	30	
Bromochloromethane	8.84		"	10.0		88.4	77-128		8.86	30	
Bromodichloromethane	10.6		"	10.0		106	79-128		2.00	30	
Bromoform	10.2		"	10.0		102	78-133		5.25	30	
Bromomethane	3.09		"	10.0		30.9	43-168	Low Bias	26.0	30	
Carbon disulfide	9.62		"	10.0		96.2	68-146		1.24	30	
Carbon tetrachloride	10.7		"	10.0		107	77-141		2.59	30	
Chlorobenzene	9.87		"	10.0		98.7	88-120		1.71	30	
Chloroethane	9.71		"	10.0		97.1	65-136		0.827	30	
Chloroform	9.99		"	10.0		99.9	82-128		0.200	30	
Chloromethane	9.79		"	10.0		97.9	43-155		3.12	30	
cis-1,2-Dichloroethylene	9.66		"	10.0		96.6	83-129		1.25	30	
cis-1,3-Dichloropropylene	9.81		"	10.0		98.1	80-131		4.27	30	
Cyclohexane	9.66		"	10.0		96.6	63-149		1.03	30	
Dibromochloromethane	10.5		"	10.0		105	80-130		3.49	30	
Dibromomethane	9.59		"	10.0		95.9	72-134		4.15	30	
Dichlorodifluoromethane	13.8		"	10.0		138	44-144		2.65	30	
Ethyl Benzene	10.3		"	10.0		103	80-131		4.66	30	
Hexachlorobutadiene	8.24		"	10.0		82.4	67-146		2.58	30	
Isopropylbenzene	10.6		"	10.0		106	76-140		10.1	30	
Methyl acetate	8.48		"	10.0		84.8	51-139		16.1	30	
Methyl tert-butyl ether (MTBE)	10.0		"	10.0		100	76-135		19.3	30	
Methylcyclohexane	9.69		"	10.0		96.9	72-143		7.26	30	
Methylene chloride	8.92		"	10.0		89.2	55-137		3.07	30	
n-Butylbenzene	9.66		"	10.0		96.6	79-132		9.09	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 BJ00073 - EPA 5030B											
LCS Dup (BJ00073-BSD1) LCS Dup							Prepared & Analyzed: 10/01/2020				
n-Propylbenzene	10.5		ug/L	10.0		105	78-133		10.7	30	
o-Xylene	10.1		"	10.0		101	78-130		4.27	30	
p- & m- Xylenes	20.8		"	20.0		104	77-133		4.74	30	
p-Isopropyltoluene	10.6		"	10.0		106	81-136		7.02	30	
sec-Butylbenzene	10.7		"	10.0		107	79-137		9.92	30	
Styrene	10.3		"	10.0		103	67-132		1.73	30	
tert-Butyl alcohol (TBA)	39.9		"	50.0		79.8	25-162		32.3	30	Non-dir.
tert-Butylbenzene	9.35		"	10.0		93.5	77-138		9.18	30	
Tetrachloroethylene	10.4		"	10.0		104	82-131		7.31	30	
Toluene	9.66		"	10.0		96.6	80-127		5.24	30	
trans-1,2-Dichloroethylene	9.69		"	10.0		96.9	80-132		3.55	30	
trans-1,3-Dichloropropylene	9.73		"	10.0		97.3	78-131		9.36	30	
Trichloroethylene	10.2		"	10.0		102	82-128		8.48	30	
Trichlorofluoromethane	12.1		"	10.0		121	67-139		3.01	30	
Vinyl Chloride	10.4		"	10.0		104	58-145		4.25	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.4*		*"*	*10.0*		*114*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.5*		*"*	*10.0*		*105*	*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 BJ00067 - EPA 3550C											
Blank (BJ00067-BLK1) Blank									Prepared: 10/01/2020 Analyzed: 10/02/2020		
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 BJ00067 - EPA 3550C											
Blank (BJ00067-BLK1) Blank									Prepared: 10/01/2020 Analyzed: 10/02/2020		
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	*1.58*		"	*1.66*		*95.4*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.54*		"	*1.66*		*92.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.752*		"	*0.831*		*90.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.795*		"	*0.831*		*95.7*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.30*		"	*1.66*		*78.5*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.928*		"	*0.831*		*112*	*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 BJ00067 - EPA 3550C											
LCS (BJ00067-BS1) LCS								Prepared: 10/01/2020 Analyzed: 10/02/2020			
1,1-Biphenyl	0.707	0.0416	mg/kg wet	0.831		85.2	18-111				
1,2,4,5-Tetrachlorobenzene	1.04	0.0830	"	0.831		125	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.729	0.0416	"	0.831		87.8	17-137				
2,3,4,6-Tetrachlorophenol	0.523	0.0830	"	0.831		63.0	30-130				
2,4,5-Trichlorophenol	0.527	0.0416	"	0.831		63.4	27-118				
2,4,6-Trichlorophenol	0.630	0.0416	"	0.831		75.8	31-120				
2,4-Dichlorophenol	0.689	0.0416	"	0.831		82.9	20-127				
2,4-Dimethylphenol	0.762	0.0416	"	0.831		91.8	14-132				
2,4-Dinitrophenol	0.107	0.0830	"	0.831		12.9	10-171				
2,4-Dinitrotoluene	0.677	0.0416	"	0.831		81.6	34-131				
2,6-Dinitrotoluene	0.718	0.0416	"	0.831		86.5	31-128				
2-Chloronaphthalene	0.657	0.0416	"	0.831		79.1	31-117				
2-Chlorophenol	0.689	0.0416	"	0.831		82.9	33-113				
2-Methylnaphthalene	0.717	0.0416	"	0.831		86.3	12-138				
2-Methylphenol	0.557	0.0416	"	0.831		67.1	10-136				
2-Nitroaniline	0.758	0.0830	"	0.831		91.3	27-132				
2-Nitrophenol	0.826	0.0416	"	0.831		99.4	17-129				
3- & 4-Methylphenols	0.492	0.0416	"	0.831		59.2	29-103				
3,3-Dichlorobenzidine	0.589	0.0416	"	0.831		70.9	22-149				
3-Nitroaniline	0.637	0.0830	"	0.831		76.7	20-133				
4,6-Dinitro-2-methylphenol	0.371	0.0830	"	0.831		44.6	10-143				
4-Bromophenyl phenyl ether	0.729	0.0416	"	0.831		87.7	29-120				
4-Chloro-3-methylphenol	0.608	0.0416	"	0.831		73.2	24-129				
4-Chloroaniline	0.500	0.0416	"	0.831		60.2	10-132				
4-Chlorophenyl phenyl ether	0.628	0.0416	"	0.831		75.6	27-124				
4-Nitroaniline	0.667	0.0830	"	0.831		80.3	16-128				
4-Nitrophenol	0.489	0.0830	"	0.831		58.9	10-141				
Acenaphthene	0.720	0.0416	"	0.831		86.6	30-121				
Acenaphthylene	0.711	0.0416	"	0.831		85.6	30-115				
Acetophenone	0.592	0.0416	"	0.831		71.2	20-112				
Aniline	0.628	0.166	"	0.831		75.6	10-119				
Anthracene	0.726	0.0416	"	0.831		87.4	34-118				
Atrazine	0.617	0.0416	"	0.831		74.3	26-112				
Benzaldehyde	0.657	0.0416	"	0.831		79.1	21-100				
Benzo(a)anthracene	0.703	0.0416	"	0.831		84.7	32-122				
Benzo(a)pyrene	0.689	0.0416	"	0.831		83.0	29-133				
Benzo(b)fluoranthene	0.744	0.0416	"	0.831		89.6	25-133				
Benzo(g,h,i)perylene	0.768	0.0416	"	0.831		92.4	10-143				
Benzo(k)fluoranthene	0.698	0.0416	"	0.831		84.1	25-128				
Benzoic acid	0.0213	0.0416	"	0.831		2.56	10-140	Low Bias			
Benzyl alcohol	0.773	0.0416	"	0.831		93.1	30-115				
Benzyl butyl phthalate	0.687	0.0416	"	0.831		82.7	26-126				
Bis(2-chloroethoxy)methane	0.729	0.0416	"	0.831		87.8	19-132				
Bis(2-chloroethyl)ether	0.728	0.0416	"	0.831		87.6	19-125				
Bis(2-chloroisopropyl)ether	0.984	0.0416	"	0.831		119	20-135				
Bis(2-ethylhexyl)phthalate	0.733	0.0416	"	0.831		88.3	10-155				
Caprolactam	0.587	0.0830	"	0.831		70.6	10-127				
Carbazole	0.705	0.0416	"	0.831		84.9	35-123				
Chrysene	0.727	0.0416	"	0.831		87.5	32-123				
Dibenzo(a,h)anthracene	0.754	0.0416	"	0.831		90.8	10-136				
Dibenzofuran	0.644	0.0416	"	0.831		77.6	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 BJ00067 - EPA 3550C											
LCS (BJ00067-BS1) LCS									Prepared: 10/01/2020 Analyzed: 10/02/2020		
Diethyl phthalate	0.570	0.0416	mg/kg wet	0.831		68.6	34-116				
Dimethyl phthalate	0.604	0.0416	"	0.831		72.8	35-124				
Di-n-butyl phthalate	0.638	0.0416	"	0.831		76.8	31-116				
Di-n-octyl phthalate	0.738	0.0416	"	0.831		88.8	26-136				
Diphenylamine	0.872	0.0830	"	0.831		105	40-140				
Fluoranthene	0.673	0.0416	"	0.831		81.1	33-122				
Fluorene	0.677	0.0416	"	0.831		81.5	29-123				
Hexachlorobenzene	0.642	0.0416	"	0.831		77.2	21-124				
Hexachlorobutadiene	0.608	0.0416	"	0.831		73.2	10-149				
Hexachlorocyclopentadiene	0.254	0.0416	"	0.831		30.6	10-129				
Hexachloroethane	0.595	0.0416	"	0.831		71.6	28-108				
Indeno(1,2,3-cd)pyrene	0.808	0.0416	"	0.831		97.3	10-135				
Isophorone	0.681	0.0416	"	0.831		82.0	20-132				
Naphthalene	0.748	0.0416	"	0.831		90.0	23-124				
Nitrobenzene	0.655	0.0416	"	0.831		78.8	13-132				
N-Nitrosodimethylamine	0.782	0.0416	"	0.831		94.2	11-129				
N-nitroso-di-n-propylamine	0.595	0.0416	"	0.831		71.6	24-119				
N-Nitrosodiphenylamine	0.891	0.0416	"	0.831		107	22-152				
Pentachlorophenol	0.336	0.0416	"	0.831		40.5	10-139				
Phenanthrene	0.748	0.0416	"	0.831		90.0	33-123				
Phenol	0.768	0.0416	"	0.831		92.5	23-115				
Pyrene	0.742	0.0416	"	0.831		89.4	32-130				
Pyridine	0.585	0.166	"	0.831		70.4	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.42*		"	*1.66*		*85.7*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.39*		"	*1.66*		*83.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.675*		"	*0.831*		*81.3*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.710*		"	*0.831*		*85.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.41*		"	*1.66*		*85.2*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.813*		"	*0.831*		*97.9*	*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 BI01665 - EPA 3550C											
Blank (BI01665-BLK1) Blank									Prepared: 09/30/2020 Analyzed: 10/01/2020		
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	"								
Chlordane, total	ND	0.0329	"								
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	0.00822	"								
Toxaphene	ND	0.0832	"								
Surrogate: Decachlorobiphenyl	*0.0568*		*"*	*0.0664*		*85.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0429*		*"*	*0.0664*		*64.5*	*30-150*				
LCS (BI01665-BS1) LCS									Prepared: 09/30/2020 Analyzed: 10/01/2020		
4,4'-DDD	0.0162	0.00164	mg/kg wet	0.0332		48.9	40-140				
4,4'-DDE	0.0144	0.00164	"	0.0332		43.3	40-140				
4,4'-DDT	0.0133	0.00164	"	0.0332		40.1	40-140				
Aldrin	0.0165	0.00164	"	0.0332		49.8	40-140				
alpha-BHC	0.0156	0.00164	"	0.0332		47.0	40-140				
alpha-Chlordane	0.0163	0.00164	"	0.0332		49.0	40-140				
beta-BHC	0.0148	0.00164	"	0.0332		44.6	40-140				
delta-BHC	0.0147	0.00164	"	0.0332		44.2	40-140				
Dieldrin	0.0166	0.00164	"	0.0332		49.8	40-140				
Endosulfan I	0.0193	0.00164	"	0.0332		58.2	40-140				
Endosulfan II	0.0163	0.00164	"	0.0332		49.2	40-140				
Endosulfan sulfate	0.0153	0.00164	"	0.0332		46.1	40-140				
Endrin	0.0149	0.00164	"	0.0332		44.9	40-140				
Endrin aldehyde	0.0162	0.00164	"	0.0332		48.8	40-140				
Endrin ketone	0.0151	0.00164	"	0.0332		45.5	40-140				
gamma-BHC (Lindane)	0.0159	0.00164	"	0.0332		48.0	40-140				
gamma-Chlordane	0.0162	0.00164	"	0.0332		48.9	40-140				
Heptachlor	0.0161	0.00164	"	0.0332		48.6	40-140				
Heptachlor epoxide	0.0161	0.00164	"	0.0332		48.6	40-140				
Methoxychlor	0.0156	0.00822	"	0.0332		47.0	40-140				
Surrogate: Decachlorobiphenyl	*0.0516*		*"*	*0.0664*		*77.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0382*		*"*	*0.0664*		*57.5*	*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 Y0I1101 - BI00252											
Performance Mix (Y0I1101-PI Performance Mix										Prepared & Analyzed: 09/10/2020	
4,4'-DDD	3.52		ng/mL	0.00			0-200				
4,4'-DDE	1.19		"	0.00			0-200				
4,4'-DDT	196		"	200		98.1	0-200				
Endrin	86.1		"	100		86.1	0-200				
Endrin aldehyde	2.77		"	0.00			0-200				
Endrin ketone	2.08		"	0.00			0-200				
Batch Y0J0201 - BI01264											
Performance Mix (Y0J0201-P Performance Mix										Prepared & Analyzed: 10/01/2020	
4,4'-DDD	6.91		ng/mL	0.00			0-200				
4,4'-DDE	1.74		"	0.00			0-200				
4,4'-DDT	192		"	200		96.2	0-200				
Endrin	96.7		"	100		96.7	0-200				
Endrin aldehyde	1.74		"	0.00			0-200				
Endrin ketone	3.43		"	0.00			0-200				
Performance Mix (Y0J0201-P Performance Mix										Prepared & Analyzed: 10/01/2020	
4,4'-DDD	20.4		ng/mL	0.00			0-200				
4,4'-DDE	1.37		"	0.00			0-200				
4,4'-DDT	182		"	200		90.9	0-200				
Endrin	95.9		"	100		95.9	0-200				
Endrin aldehyde	1.63		"	0.00			0-200				
Endrin ketone	7.44		"	0.00			0-200				

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 BJ00005 - EPA 3050B											
Blank (BJ00005-BLK1) Blank								Prepared & Analyzed: 10/01/2020			
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	"								
Reference (BJ00005-SRM1) Reference								Prepared & Analyzed: 10/01/2020			
Aluminum	8710	5.00	mg/kg wet	8460		103	50.5-150.1				
Antimony	61.2	2.50	"	120		51.0	19-251.7				
Arsenic	90.5	1.50	"	95.5		94.7	70.1-129.8				
Barium	304	2.50	"	300		101	75-125				
Beryllium	101	0.050	"	103		98.3	75-125.2				
Cadmium	139	0.300	"	135		103	74.8-125.2				
Calcium	4910	5.00	"	4720		104	72.7-127.5				
Chromium	149	0.500	"	147		101	70.1-129.9				
Cobalt	48.3	0.400	"	43.2		112	75-125				
Copper	156	2.00	"	150		104	75.3-125.3				
Iron	14000	25.0	"	14400		97.4	35.8-164.6				
Lead	85.6	0.500	"	92.3		92.8	70-130				
Magnesium	2430	5.00	"	2300		105	61.7-137.8				
Manganese	715	0.500	"	677		106	78.1-122				
Nickel	71.0	1.00	"	59.8		119	70.1-130.1				
Potassium	2050	5.00	"	2030		101	59.1-140.9				
Selenium	22.1	2.50	"	42.0		52.6	55.7-144.5	Low Bias			
Silver	34.3	0.500	"	40.3		85.1	69.2-130.8				
Sodium	135	50.0	"	139		97.4	36.1-163.3				
Thallium	77.2	2.50	"	83.1		92.9	65.3-146.8				
Vanadium	92.3	1.00	"	96.9		95.3	67-133.1				
Zinc	370	2.50	"	369		100	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 BI01717 - EPA 7473 soil											
Blank (BI01717-BLK1) Blank									Prepared & Analyzed: 09/30/2020		
Mercury	ND	0.0300	mg/kg wet								
Reference (BI01717-SRM1) Reference									Prepared & Analyzed: 09/30/2020		
Mercury	2.7261		mg/kg	3.71		73.5	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 BJ00010 - Analysis Preparation Soil											
Blank (BJ00010-BLK1) Blank									Prepared & Analyzed: 10/01/2020		
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BJ00010-SRM1) Reference									Prepared & Analyzed: 10/01/2020		
Cyanide, total	89.1		ug/mL	96.2		92.6	42.41-156.96				
Batch BJ00014 - EPA SW846-3060											
Blank (BJ00014-BLK1) Blank									Prepared & Analyzed: 10/01/2020		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BJ00014-SRM1) Reference									Prepared & Analyzed: 10/01/2020		
Chromium, Hexavalent	64.5		mg/L	92.5		69.8	25.95-196.76				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20I1295-01	EP19_e156	40mL Vial with Stir Bar-Cool 4° C
20I1295-02	DUP01_093020	40mL Vial with Stir Bar-Cool 4° C
20I1295-03	TB01_093020	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

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.
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-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).

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.: 20I1295

YOUR Information	Report To:	Invoice To:
Company: LANGAN	Company:	Company:
Address: 360 W 31ST ST 8TH FLOOR, NY	Address:	Address:
Phone.: 212 479 5400	Phone.:	Phone.:
Contact: KEN SEMON	Contact:	Contact:
E-mail: KSemon@Langan.com	E-mail:	E-mail:

YOUR Project Number: 170388501

YOUR Project Name: 805-825 ATLANTIC AVENUE

YOUR PO#:

Turn-Around Time

RUSH - Next Day	X
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.

TOMAS MONTI

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	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
EP19-0156	S	9/30/20 700	TCL/TAL PKG 375 VOCs, SVOCs, METALS, PEST, TCN, HEX/TRI CHROM	
DUP01-093020	S	9/30/20	TCL/TAL PKG 375 VOCs, SVOCs, METALS, PEST, TCN, HEX/TRI CHROM	
TB01-093020	AQ	9/30/20 900	TCL/TAL PKG 375 VOCs	

Comments: (A) 24 HOUR TAT

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
TOMAS MONTI LANGAN	9/30/20 1:15	Austen Aranco	9/30 1:15	Austen Aranco	9/30 1538
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
				KBlockum	9/30/20 1538

Temp. Received at Lab: 21.4 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: 10/02/2020
Client Project ID: 170384501
York Project (SDG) No.: 20I1297

Report Date: 10/02/2020
Client Project ID: 170384501
York Project (SDG) No.: 20I1297

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 September 30, 2020 and listed below. The project was identified as your project: **170384501**.

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
20I1297-01	EP23_e156	Soil	09/30/2020	09/30/2020
20I1297-02	DUP02_093020	Soil	09/30/2020	09/30/2020

General Notes for York Project (SDG) No.: 20I1297

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: 10/02/2020

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: EP23_e156 **York Sample ID:** 20I1297-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1297	170384501	Soil	September 30, 2020 8:00 am	09/30/2020

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	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	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	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.036	0.072	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP23_e156 **York Sample ID:** 20I1297-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1297	170384501	Soil	September 30, 2020 8:00 am	09/30/2020

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	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP23_e156 **York Sample ID:** 20I1297-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1297	170384501	Soil	September 30, 2020 8:00 am	09/30/2020

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	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EP23_e156 **York Sample ID:** 20I1297-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1297	170384501	Soil	September 30, 2020 8:00 am	09/30/2020

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	0.0018	0.0036	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:02	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*113 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*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	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0913	0.182	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0913	0.182	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0913	0.182	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP23_e156 **York Sample ID:** 20I1297-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1297	170384501	Soil	September 30, 2020 8:00 am	09/30/2020

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	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0913	0.182	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0913	0.182	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0913	0.182	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0913	0.182	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0913	0.182	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.183	0.366	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.183	0.366	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.0467**	J	mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP23_e156 **York Sample ID:** 20I1297-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1297	170384501	Soil	September 30, 2020 8:00 am	09/30/2020

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**	**0.0511**	J	mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	**Benzo(k)fluoranthene**	**0.0489**	J	mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
105-60-2	Caprolactam	ND		mg/kg dry	0.0913	0.182	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
86-74-8	Carbazole	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
218-01-9	**Chrysene**	**0.0497**	J	mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
122-39-4	Diphenylamine	ND		mg/kg dry	0.0913	0.182	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
206-44-0	**Fluoranthene**	**0.0978**		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: EP23_e156 **York Sample ID:** 20I1297-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1297	170384501	Soil	September 30, 2020 8:00 am	09/30/2020

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	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.0664**	J	mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.0905**	J	mg/kg dry	0.0458	0.0913	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.183	0.366	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*70.1 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*71.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*67.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*73.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*72.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*85.4 %*	*24-116*

Sample Information

Client Sample ID: EP23_e156 **York Sample ID:** 20I1297-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1297	170384501	Soil	September 30, 2020 8:00 am	09/30/2020

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	0.00183	5	EPA 8081B	09/30/2020 18:20	10/01/2020 10:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00183	5	EPA 8081B	09/30/2020 18:20	10/01/2020 10:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00183	5	EPA 8081B	09/30/2020 18:20	10/01/2020 10:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	09/30/2020 18:20	10/01/2020 10:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	09/30/2020 18:20	10/01/2020 10:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B	09/30/2020 18:20	10/01/2020 10:08	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	09/30/2020 18:20	10/01/2020 10:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0366	5	EPA 8081B	09/30/2020 18:20	10/01/2020 10:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	09/30/2020 18:20	10/01/2020 10:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	09/30/2020 18:20	10/01/2020 10:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00183	5	EPA 8081B	09/30/2020 18:20	10/01/2020 10:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00183	5	EPA 8081B	09/30/2020 18:20	10/01/2020 10:08	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00183	5	EPA 8081B	09/30/2020 18:20	10/01/2020 10:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00183	5	EPA 8081B	09/30/2020 18:20	10/01/2020 10:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00183	5	EPA 8081B	09/30/2020 18:20	10/01/2020 10:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00183	5	EPA 8081B	09/30/2020 18:20	10/01/2020 10:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00183	5	EPA 8081B	09/30/2020 18:20	10/01/2020 10:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B	09/30/2020 18:20	10/01/2020 10:08	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00183	5	EPA 8081B	09/30/2020 18:20	10/01/2020 10:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00183	5	EPA 8081B	09/30/2020 18:20	10/01/2020 10:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00916	5	EPA 8081B	09/30/2020 18:20	10/01/2020 10:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP23_e156 **York Sample ID:** 20I1297-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1297	170384501	Soil	September 30, 2020 8:00 am	09/30/2020

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
8001-35-2	Toxaphene	ND		mg/kg dry	0.0927	5	EPA 8081B	09/30/2020 18:20	10/01/2020 10:08	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*75.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*59.7 %*	*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**	**9770**		mg/kg dry	5.59	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:23	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.79	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:23	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**3.06**		mg/kg dry	1.68	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:23	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**63.0**		mg/kg dry	2.79	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:23	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.056	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:23	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.335	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:23	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**6000**		mg/kg dry	5.59	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:23	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**24.5**		mg/kg dry	0.559	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:23	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**9.76**		mg/kg dry	0.447	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:23	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**26.2**		mg/kg dry	2.23	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:23	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**18100**		mg/kg dry	27.9	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:23	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**56.4**		mg/kg dry	0.559	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:23	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3610**		mg/kg dry	5.59	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:23	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**409**		mg/kg dry	0.559	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:23	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**36.0**		mg/kg dry	1.12	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:23	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1430**		mg/kg dry	5.59	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:23	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EP23_e156 **York Sample ID:** 20I1297-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1297	170384501	Soil	September 30, 2020 8:00 am	09/30/2020

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
7782-49-2	Selenium	ND		mg/kg dry	2.79	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:23	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.559	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:23	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**163**		mg/kg dry	55.9	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:23	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.79	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:23	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**32.3**		mg/kg dry	1.12	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:23	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**48.2**		mg/kg dry	2.79	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:23	WJM
							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	09/30/2020 15:04	09/30/2020 23:02	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	0.559	1	EPA 7196A	10/01/2020 08:51	10/01/2020 17:00	JAG
							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**	**24.5**		mg/kg	0.500	1	Calculation	10/01/2020 14:13	10/01/2020 17:32	AD
							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	10/01/2020 08:41	10/01/2020 16:26	OT
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

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

Sample Information

Client Sample ID: EP23_e156 **York Sample ID:** 20I1297-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1297	170384501	Soil	September 30, 2020 8:00 am	09/30/2020

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	10/01/2020 08:37	10/01/2020 14:40	SK
							Certifications: CTDOH			

Sample Information

Client Sample ID: DUP02_093020 **York Sample ID:** 20I1297-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1297	170384501	Soil	September 30, 2020 12:00 am	09/30/2020

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	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	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	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.034	0.067	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP02_093020 **York Sample ID:** 20I1297-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1297	170384501	Soil	September 30, 2020 12:00 am	09/30/2020

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	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.011**		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP02_093020 **York Sample ID:** 20I1297-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1297	170384501	Soil	September 30, 2020 12:00 am	09/30/2020

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	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP02_093020 **York Sample ID:** 20I1297-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1297	170384501	Soil	September 30, 2020 12:00 am	09/30/2020

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	0.0017	0.0034	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	09/30/2020 09:00	09/30/2020 19:29	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*111 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.9 %*	*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	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0916	0.183	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0916	0.183	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0916	0.183	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP02_093020 **York Sample ID:** 20I1297-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1297	170384501	Soil	September 30, 2020 12:00 am	09/30/2020

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	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0916	0.183	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0916	0.183	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								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	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0916	0.183	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0916	0.183	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.183	0.367	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.183	0.367	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP02_093020 **York Sample ID:** 20I1297-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1297	170384501	Soil	September 30, 2020 12:00 am	09/30/2020

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	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0916	0.183	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0916	0.183	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP02_093020 **York Sample ID:** 20I1297-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1297	170384501	Soil	September 30, 2020 12:00 am	09/30/2020

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	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								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	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								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	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.0542**	J	mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.183	0.367	2	EPA 8270D	10/01/2020 14:48	10/02/2020 14:50	KH
								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*	*70.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*67.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*68.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*80.6 %*	*24-116*

Sample Information

Client Sample ID: DUP02_093020 **York Sample ID:** 20I1297-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1297	170384501	Soil	September 30, 2020 12:00 am	09/30/2020

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	09/30/2020 18:20	10/01/2020 10:25	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00182	5	EPA 8081B	09/30/2020 18:20	10/01/2020 10:25	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00182	5	EPA 8081B	09/30/2020 18:20	10/01/2020 10:25	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	09/30/2020 18:20	10/01/2020 10:25	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	09/30/2020 18:20	10/01/2020 10:25	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B	09/30/2020 18:20	10/01/2020 10:25	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	09/30/2020 18:20	10/01/2020 10:25	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0365	5	EPA 8081B	09/30/2020 18:20	10/01/2020 10:25	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	09/30/2020 18:20	10/01/2020 10:25	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	09/30/2020 18:20	10/01/2020 10:25	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00182	5	EPA 8081B	09/30/2020 18:20	10/01/2020 10:25	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00182	5	EPA 8081B	09/30/2020 18:20	10/01/2020 10:25	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00182	5	EPA 8081B	09/30/2020 18:20	10/01/2020 10:25	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00182	5	EPA 8081B	09/30/2020 18:20	10/01/2020 10:25	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00182	5	EPA 8081B	09/30/2020 18:20	10/01/2020 10:25	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00182	5	EPA 8081B	09/30/2020 18:20	10/01/2020 10:25	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00182	5	EPA 8081B	09/30/2020 18:20	10/01/2020 10:25	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B	09/30/2020 18:20	10/01/2020 10:25	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00182	5	EPA 8081B	09/30/2020 18:20	10/01/2020 10:25	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00182	5	EPA 8081B	09/30/2020 18:20	10/01/2020 10:25	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00912	5	EPA 8081B	09/30/2020 18:20	10/01/2020 10:25	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP02_093020 **York Sample ID:** 20I1297-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1297	170384501	Soil	September 30, 2020 12:00 am	09/30/2020

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
8001-35-2	Toxaphene	ND		mg/kg dry	0.0923	5	EPA 8081B	09/30/2020 18:20	10/01/2020 10:25	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.0 %*	*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**	**8660**		mg/kg dry	5.56	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:26	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.78	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:26	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.67	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:26	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**50.4**		mg/kg dry	2.78	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:26	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.056	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:26	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.334	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:26	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**5330**		mg/kg dry	5.56	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:26	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**22.6**		mg/kg dry	0.556	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:26	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.93**		mg/kg dry	0.445	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:26	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**22.7**		mg/kg dry	2.23	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:26	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**15100**		mg/kg dry	27.8	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:26	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**51.5**		mg/kg dry	0.556	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:26	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3300**		mg/kg dry	5.56	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:26	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**351**		mg/kg dry	0.556	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:26	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**34.0**		mg/kg dry	1.11	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:26	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1200**		mg/kg dry	5.56	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:26	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP02_093020 **York Sample ID:** 20I1297-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1297	170384501	Soil	September 30, 2020 12:00 am	09/30/2020

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
7782-49-2	Selenium	ND		mg/kg dry	2.78	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:26	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.556	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:26	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**179**		mg/kg dry	55.6	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:26	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.78	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:26	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**25.6**		mg/kg dry	1.11	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:26	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**44.0**		mg/kg dry	2.78	1	EPA 6010D	10/01/2020 07:42	10/01/2020 14:26	WJM
							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**	**0.0363**		mg/kg dry	0.0334	1	EPA 7473	09/30/2020 15:04	09/30/2020 23:11	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	0.556	1	EPA 7196A	10/01/2020 08:51	10/01/2020 17:00	JAG
							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**	**22.6**		mg/kg	0.500	1	Calculation	10/01/2020 14:13	10/01/2020 17:32	AD
							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	0.556	1	EPA 9014/9010C	10/01/2020 08:41	10/01/2020 16:26	OT
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

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

Sample Information

Client Sample ID: DUP02_093020 **York Sample ID:** 20I1297-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I1297	170384501	Soil	September 30, 2020 12:00 am	09/30/2020

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	10/01/2020 08:37	10/01/2020 14:40	SK
							Certifications: CTDOH			

Analytical Batch Summary

Batch ID: BI01665 **Preparation Method:** EPA 3550C **Prepared By:** JV

YORK Sample ID	Client Sample ID	Preparation Date
20I1297-01	EP23_e156	09/30/20
20I1297-02	DUP02_093020	09/30/20
BI01665-BLK1	Blank	09/30/20
BI01665-BS1	LCS	09/30/20

Batch ID: BI01717 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20I1297-01	EP23_e156	09/30/20
20I1297-02	DUP02_093020	09/30/20
BI01717-BLK1	Blank	09/30/20
BI01717-SRM1	Reference	09/30/20

Batch ID: BI01734 **Preparation Method:** EPA 5035A **Prepared By:** AS

YORK Sample ID	Client Sample ID	Preparation Date
20I1297-01	EP23_e156	09/30/20
20I1297-02	DUP02_093020	09/30/20
BI01734-BLK1	Blank	09/30/20
BI01734-BLK2	Blank	09/30/20
BI01734-BLK3	Blank	09/30/20
BI01734-BLK4	Blank	09/30/20
BI01734-BS1	LCS	09/30/20
BI01734-BSD1	LCS Dup	09/30/20

Batch ID: BJ00005 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20I1297-01	EP23_e156	10/01/20
20I1297-02	DUP02_093020	10/01/20
BJ00005-BLK1	Blank	10/01/20
BJ00005-SRM1	Reference	10/01/20

Batch ID: BJ00009 **Preparation Method:** % Solids Prep **Prepared By:** OT

YORK Sample ID	Client Sample ID	Preparation Date
20I1297-01	EP23_e156	10/01/20
20I1297-02	DUP02_093020	10/01/20

Batch ID: BJ00010 **Preparation Method:** Analysis Preparation Soil **Prepared By:** OT

YORK Sample ID	Client Sample ID	Preparation Date

20I1297-01	EP23_e156	10/01/20
20I1297-02	DUP02_093020	10/01/20
BJ00010-BLK1	Blank	10/01/20
BJ00010-SRM1	Reference	10/01/20

Batch ID: BJ00014 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAG

YORK Sample ID	Client Sample ID	Preparation Date
20I1297-01	EP23_e156	10/01/20
20I1297-02	DUP02_093020	10/01/20
BJ00014-BLK1	Blank	10/01/20
BJ00014-SRM1	Reference	10/01/20

Batch ID: BJ00061 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
20I1297-01	EP23_e156	10/01/20
20I1297-02	DUP02_093020	10/01/20

Batch ID: BJ00067 **Preparation Method:** EPA 3550C **Prepared By:** LJ

YORK Sample ID	Client Sample ID	Preparation Date
20I1297-01	EP23_e156	10/01/20
20I1297-02	DUP02_093020	10/01/20
BJ00067-BLK1	Blank	10/01/20
BJ00067-BS1	LCS	10/01/20

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 BI01734 - EPA 5035A											
Blank (BI01734-BLK1)									Prepared & Analyzed: 09/30/2020		
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 BI01734 - EPA 5035A											
Blank (BI01734-BLK1)											Prepared & Analyzed: 09/30/2020
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	*53.8*		*ug/L*	*50.0*		*108*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.3*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.1*		*"*	*50.0*		*98.3*	*76-130*				
Blank (BI01734-BLK2)											Prepared & Analyzed: 09/30/2020
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 BI01734 - EPA 5035A											
Blank (BI01734-BLK2)											Prepared & Analyzed: 09/30/2020
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	*53.4*		*ug/L*	*50.0*		*107*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.2*		*"*	*50.0*		*100*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.4*		*"*	*50.0*		*98.7*	*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 BI01734 - EPA 5035A											
Blank (BI01734-BLK3)											
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	"								

Prepared & Analyzed: 09/30/2020

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI01734 - EPA 5035A											
Blank (BI01734-BLK3)									Prepared & Analyzed: 09/30/2020		
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	*54.6*		*ug/L*	*50.0*		*109*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.7*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.6*		*"*	*50.0*		*99.1*	*76-130*				
Blank (BI01734-BLK4)									Prepared & Analyzed: 09/30/2020		
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	"								

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 BI01734 - EPA 5035A											
Blank (BI01734-BLK4)											Prepared & Analyzed: 09/30/2020
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	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	*55.1*		*ug/L*	*50.0*		*110*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.7*		*"*	*50.0*		*101*	*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 BI01734 - EPA 5035A											
LCS (BI01734-BS1)							Prepared & Analyzed: 09/30/2020				
1,1,1,2-Tetrachloroethane	56.3		ug/L	50.0		113	75-129				
1,1,1-Trichloroethane	56.8		"	50.0		114	71-137				
1,1,2,2-Tetrachloroethane	53.4		"	50.0		107	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	58.9		"	50.0		118	58-146				
1,1,2-Trichloroethane	53.2		"	50.0		106	83-123				
1,1-Dichloroethane	50.5		"	50.0		101	75-130				
1,1-Dichloroethylene	54.9		"	50.0		110	64-137				
1,2,3-Trichlorobenzene	56.0		"	50.0		112	81-140				
1,2,3-Trichloropropane	58.2		"	50.0		116	81-126				
1,2,4-Trichlorobenzene	57.4		"	50.0		115	80-141				
1,2,4-Trimethylbenzene	57.5		"	50.0		115	84-125				
1,2-Dibromo-3-chloropropane	55.7		"	50.0		111	74-142				
1,2-Dibromoethane	54.3		"	50.0		109	86-123				
1,2-Dichlorobenzene	54.0		"	50.0		108	85-122				
1,2-Dichloroethane	52.2		"	50.0		104	71-133				
1,2-Dichloropropane	46.6		"	50.0		93.1	81-122				
1,3,5-Trimethylbenzene	56.6		"	50.0		113	82-126				
1,3-Dichlorobenzene	54.7		"	50.0		109	84-124				
1,4-Dichlorobenzene	55.2		"	50.0		110	84-124				
1,4-Dioxane	1190		"	1050		114	10-228				
2-Butanone	56.4		"	50.0		113	58-147				
2-Hexanone	49.3		"	50.0		98.5	70-139				
4-Methyl-2-pentanone	48.9		"	50.0		97.9	72-132				
Acetone	39.9		"	50.0		79.7	36-155				
Acrolein	59.8		"	50.0		120	10-238				
Acrylonitrile	49.9		"	50.0		99.8	66-141				
Benzene	52.1		"	50.0		104	77-127				
Bromochloromethane	47.3		"	50.0		94.7	74-129				
Bromodichloromethane	54.6		"	50.0		109	81-124				
Bromoform	55.2		"	50.0		110	80-136				
Bromomethane	70.5		"	50.0		141	32-177				
Carbon disulfide	55.0		"	50.0		110	10-136				
Carbon tetrachloride	58.3		"	50.0		117	66-143				
Chlorobenzene	53.8		"	50.0		108	86-120				
Chloroethane	64.9		"	50.0		130	51-142				
Chloroform	55.4		"	50.0		111	76-131				
Chloromethane	58.0		"	50.0		116	49-132				
cis-1,2-Dichloroethylene	51.0		"	50.0		102	74-132				
cis-1,3-Dichloropropylene	51.7		"	50.0		103	81-129				
Cyclohexane	49.0		"	50.0		98.0	70-130				
Dibromochloromethane	57.0		"	50.0		114	10-200				
Dibromomethane	51.7		"	50.0		103	83-124				
Dichlorodifluoromethane	111		"	50.0		223	28-158	High Bias			
Ethyl Benzene	54.8		"	50.0		110	84-125				
Hexachlorobutadiene	57.0		"	50.0		114	83-133				
Isopropylbenzene	54.6		"	50.0		109	81-127				
Methyl acetate	43.9		"	50.0		87.8	41-143				
Methyl tert-butyl ether (MTBE)	48.4		"	50.0		96.7	74-131				
Methylcyclohexane	51.5		"	50.0		103	70-130				
Methylene chloride	48.2		"	50.0		96.4	57-141				
n-Butylbenzene	56.9		"	50.0		114	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 BI01734 - EPA 5035A											
LCS (BI01734-BS1)								Prepared & Analyzed: 09/30/2020			
n-Propylbenzene	54.6		ug/L	50.0		109	74-136				
o-Xylene	54.4		"	50.0		109	83-123				
p- & m- Xylenes	109		"	100		109	82-128				
p-Isopropyltoluene	57.3		"	50.0		115	85-125				
sec-Butylbenzene	57.8		"	50.0		116	83-125				
Styrene	55.1		"	50.0		110	86-126				
tert-Butyl alcohol (TBA)	214		"	250		85.5	70-130				
tert-Butylbenzene	48.4		"	50.0		96.8	80-127				
Tetrachloroethylene	46.3		"	50.0		92.6	80-129				
Toluene	52.5		"	50.0		105	85-121				
trans-1,2-Dichloroethylene	53.3		"	50.0		107	72-132				
trans-1,3-Dichloropropylene	51.0		"	50.0		102	78-132				
Trichloroethylene	55.1		"	50.0		110	84-123				
Trichlorofluoromethane	64.5		"	50.0		129	62-140				
Vinyl Chloride	63.3		"	50.0		127	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.3*		*"*	*50.0*		*105*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.9*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.1*		*"*	*50.0*		*100*	*76-130*				
LCS Dup (BI01734-BSD1)								Prepared & Analyzed: 09/30/2020			
1,1,1,2-Tetrachloroethane	56.1		ug/L	50.0		112	75-129		0.445	30	
1,1,1-Trichloroethane	57.3		"	50.0		115	71-137		0.788	30	
1,1,2,2-Tetrachloroethane	53.0		"	50.0		106	79-129		0.677	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	59.2		"	50.0		118	58-146		0.423	30	
1,1,2-Trichloroethane	51.7		"	50.0		103	83-123		2.88	30	
1,1-Dichloroethane	50.4		"	50.0		101	75-130		0.139	30	
1,1-Dichloroethylene	55.6		"	50.0		111	64-137		1.32	30	
1,2,3-Trichlorobenzene	55.5		"	50.0		111	81-140		0.969	30	
1,2,3-Trichloropropane	55.7		"	50.0		111	81-126		4.49	30	
1,2,4-Trichlorobenzene	58.3		"	50.0		117	80-141		1.47	30	
1,2,4-Trimethylbenzene	58.6		"	50.0		117	84-125		1.86	30	
1,2-Dibromo-3-chloropropane	51.5		"	50.0		103	74-142		7.91	30	
1,2-Dibromoethane	52.5		"	50.0		105	86-123		3.32	30	
1,2-Dichlorobenzene	53.9		"	50.0		108	85-122		0.260	30	
1,2-Dichloroethane	52.2		"	50.0		104	71-133		0.134	30	
1,2-Dichloropropane	46.9		"	50.0		93.8	81-122		0.770	30	
1,3,5-Trimethylbenzene	57.2		"	50.0		114	82-126		1.02	30	
1,3-Dichlorobenzene	55.1		"	50.0		110	84-124		0.656	30	
1,4-Dichlorobenzene	55.4		"	50.0		111	84-124		0.398	30	
1,4-Dioxane	1070		"	1050		102	10-228		10.8	30	
2-Butanone	46.6		"	50.0		93.3	58-147		18.9	30	
2-Hexanone	43.9		"	50.0		87.8	70-139		11.5	30	
4-Methyl-2-pentanone	44.5		"	50.0		89.1	72-132		9.39	30	
Acetone	36.9		"	50.0		73.8	36-155		7.79	30	
Acrolein	56.0		"	50.0		112	10-238		6.72	30	
Acrylonitrile	47.4		"	50.0		94.7	66-141		5.18	30	
Benzene	52.1		"	50.0		104	77-127		0.0576	30	
Bromochloromethane	46.7		"	50.0		93.4	74-129		1.38	30	
Bromodichloromethane	54.3		"	50.0		109	81-124		0.441	30	
Bromoform	54.1		"	50.0		108	80-136		2.16	30	
Bromomethane	75.1		"	50.0		150	32-177		6.33	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 BI01734 - EPA 5035A											
LCS Dup (BI01734-BSD1)								Prepared & Analyzed: 09/30/2020			
Carbon disulfide	55.6		ug/L	50.0		111	10-136		1.18	30	
Carbon tetrachloride	59.2		"	50.0		118	66-143		1.60	30	
Chlorobenzene	53.0		"	50.0		106	86-120		1.46	30	
Chloroethane	67.3		"	50.0		135	51-142		3.61	30	
Chloroform	55.2		"	50.0		110	76-131		0.235	30	
Chloromethane	60.3		"	50.0		121	49-132		3.97	30	
cis-1,2-Dichloroethylene	51.1		"	50.0		102	74-132		0.274	30	
cis-1,3-Dichloropropylene	50.7		"	50.0		101	81-129		2.09	30	
Cyclohexane	49.7		"	50.0		99.3	70-130		1.32	30	
Dibromochloromethane	55.9		"	50.0		112	10-200		2.05	30	
Dibromomethane	50.3		"	50.0		101	83-124		2.84	30	
Dichlorodifluoromethane	113		"	50.0		226	28-158	High Bias	1.65	30	
Ethyl Benzene	54.3		"	50.0		109	84-125		0.752	30	
Hexachlorobutadiene	58.6		"	50.0		117	83-133		2.79	30	
Isopropylbenzene	55.2		"	50.0		110	81-127		1.07	30	
Methyl acetate	40.3		"	50.0		80.7	41-143		8.43	30	
Methyl tert-butyl ether (MTBE)	47.6		"	50.0		95.1	74-131		1.67	30	
Methylcyclohexane	52.6		"	50.0		105	70-130		2.09	30	
Methylene chloride	49.2		"	50.0		98.4	57-141		2.09	30	
n-Butylbenzene	57.7		"	50.0		115	80-130		1.47	30	
n-Propylbenzene	55.8		"	50.0		112	74-136		2.12	30	
o-Xylene	53.9		"	50.0		108	83-123		0.886	30	
p- & m- Xylenes	108		"	100		108	82-128		0.992	30	
p-Isopropyltoluene	58.1		"	50.0		116	85-125		1.37	30	
sec-Butylbenzene	59.1		"	50.0		118	83-125		2.07	30	
Styrene	55.1		"	50.0		110	86-126		0.109	30	
tert-Butyl alcohol (TBA)	186		"	250		74.4	70-130		14.0	30	
tert-Butylbenzene	49.6		"	50.0		99.3	80-127		2.55	30	
Tetrachloroethylene	46.6		"	50.0		93.1	80-129		0.539	30	
Toluene	52.7		"	50.0		105	85-121		0.323	30	
trans-1,2-Dichloroethylene	53.1		"	50.0		106	72-132		0.395	30	
trans-1,3-Dichloropropylene	50.2		"	50.0		100	78-132		1.62	30	
Trichloroethylene	54.2		"	50.0		108	84-123		1.61	30	
Trichlorofluoromethane	64.4		"	50.0		129	62-140		0.140	30	
Vinyl Chloride	64.3		"	50.0		129	52-130		1.57	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.2*		*"*	*50.0*		*104*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.8*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.6*		*"*	*50.0*		*103*	*76-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ00067 - EPA 3550C											
Blank (BJ00067-BLK1)											
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	"								

Prepared: 10/01/2020 Analyzed: 10/02/2020

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 BJ00067 - EPA 3550C											
Blank (BJ00067-BLK1)											
Prepared: 10/01/2020 Analyzed: 10/02/2020											
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	*1.58*		"	*1.66*		*95.4*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.54*		"	*1.66*		*92.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.752*		"	*0.831*		*90.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.795*		"	*0.831*		*95.7*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.30*		"	*1.66*		*78.5*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.928*		"	*0.831*		*112*	*24-116*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ00067 - EPA 3550C											
LCS (BJ00067-BS1)								Prepared: 10/01/2020 Analyzed: 10/02/2020			
1,1-Biphenyl	0.707	0.0416	mg/kg wet	0.831		85.2	18-111				
1,2,4,5-Tetrachlorobenzene	1.04	0.0830	"	0.831		125	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.729	0.0416	"	0.831		87.8	17-137				
2,3,4,6-Tetrachlorophenol	0.523	0.0830	"	0.831		63.0	30-130				
2,4,5-Trichlorophenol	0.527	0.0416	"	0.831		63.4	27-118				
2,4,6-Trichlorophenol	0.630	0.0416	"	0.831		75.8	31-120				
2,4-Dichlorophenol	0.689	0.0416	"	0.831		82.9	20-127				
2,4-Dimethylphenol	0.762	0.0416	"	0.831		91.8	14-132				
2,4-Dinitrophenol	0.107	0.0830	"	0.831		12.9	10-171				
2,4-Dinitrotoluene	0.677	0.0416	"	0.831		81.6	34-131				
2,6-Dinitrotoluene	0.718	0.0416	"	0.831		86.5	31-128				
2-Chloronaphthalene	0.657	0.0416	"	0.831		79.1	31-117				
2-Chlorophenol	0.689	0.0416	"	0.831		82.9	33-113				
2-Methylnaphthalene	0.717	0.0416	"	0.831		86.3	12-138				
2-Methylphenol	0.557	0.0416	"	0.831		67.1	10-136				
2-Nitroaniline	0.758	0.0830	"	0.831		91.3	27-132				
2-Nitrophenol	0.826	0.0416	"	0.831		99.4	17-129				
3- & 4-Methylphenols	0.492	0.0416	"	0.831		59.2	29-103				
3,3-Dichlorobenzidine	0.589	0.0416	"	0.831		70.9	22-149				
3-Nitroaniline	0.637	0.0830	"	0.831		76.7	20-133				
4,6-Dinitro-2-methylphenol	0.371	0.0830	"	0.831		44.6	10-143				
4-Bromophenyl phenyl ether	0.729	0.0416	"	0.831		87.7	29-120				
4-Chloro-3-methylphenol	0.608	0.0416	"	0.831		73.2	24-129				
4-Chloroaniline	0.500	0.0416	"	0.831		60.2	10-132				
4-Chlorophenyl phenyl ether	0.628	0.0416	"	0.831		75.6	27-124				
4-Nitroaniline	0.667	0.0830	"	0.831		80.3	16-128				
4-Nitrophenol	0.489	0.0830	"	0.831		58.9	10-141				
Acenaphthene	0.720	0.0416	"	0.831		86.6	30-121				
Acenaphthylene	0.711	0.0416	"	0.831		85.6	30-115				
Acetophenone	0.592	0.0416	"	0.831		71.2	20-112				
Aniline	0.628	0.166	"	0.831		75.6	10-119				
Anthracene	0.726	0.0416	"	0.831		87.4	34-118				
Atrazine	0.617	0.0416	"	0.831		74.3	26-112				
Benzaldehyde	0.657	0.0416	"	0.831		79.1	21-100				
Benzo(a)anthracene	0.703	0.0416	"	0.831		84.7	32-122				
Benzo(a)pyrene	0.689	0.0416	"	0.831		83.0	29-133				
Benzo(b)fluoranthene	0.744	0.0416	"	0.831		89.6	25-133				
Benzo(g,h,i)perylene	0.768	0.0416	"	0.831		92.4	10-143				
Benzo(k)fluoranthene	0.698	0.0416	"	0.831		84.1	25-128				
Benzoic acid	0.0213	0.0416	"	0.831		2.56	10-140	Low Bias			
Benzyl alcohol	0.773	0.0416	"	0.831		93.1	30-115				
Benzyl butyl phthalate	0.687	0.0416	"	0.831		82.7	26-126				
Bis(2-chloroethoxy)methane	0.729	0.0416	"	0.831		87.8	19-132				
Bis(2-chloroethyl)ether	0.728	0.0416	"	0.831		87.6	19-125				
Bis(2-chloroisopropyl)ether	0.984	0.0416	"	0.831		119	20-135				
Bis(2-ethylhexyl)phthalate	0.733	0.0416	"	0.831		88.3	10-155				
Caprolactam	0.587	0.0830	"	0.831		70.6	10-127				
Carbazole	0.705	0.0416	"	0.831		84.9	35-123				
Chrysene	0.727	0.0416	"	0.831		87.5	32-123				
Dibenzo(a,h)anthracene	0.754	0.0416	"	0.831		90.8	10-136				
Dibenzofuran	0.644	0.0416	"	0.831		77.6	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 BJ00067 - EPA 3550C											
LCS (BJ00067-BS1)											
Prepared: 10/01/2020 Analyzed: 10/02/2020											
Diethyl phthalate	0.570	0.0416	mg/kg wet	0.831		68.6	34-116				
Dimethyl phthalate	0.604	0.0416	"	0.831		72.8	35-124				
Di-n-butyl phthalate	0.638	0.0416	"	0.831		76.8	31-116				
Di-n-octyl phthalate	0.738	0.0416	"	0.831		88.8	26-136				
Diphenylamine	0.872	0.0830	"	0.831		105	40-140				
Fluoranthene	0.673	0.0416	"	0.831		81.1	33-122				
Fluorene	0.677	0.0416	"	0.831		81.5	29-123				
Hexachlorobenzene	0.642	0.0416	"	0.831		77.2	21-124				
Hexachlorobutadiene	0.608	0.0416	"	0.831		73.2	10-149				
Hexachlorocyclopentadiene	0.254	0.0416	"	0.831		30.6	10-129				
Hexachloroethane	0.595	0.0416	"	0.831		71.6	28-108				
Indeno(1,2,3-cd)pyrene	0.808	0.0416	"	0.831		97.3	10-135				
Isophorone	0.681	0.0416	"	0.831		82.0	20-132				
Naphthalene	0.748	0.0416	"	0.831		90.0	23-124				
Nitrobenzene	0.655	0.0416	"	0.831		78.8	13-132				
N-Nitrosodimethylamine	0.782	0.0416	"	0.831		94.2	11-129				
N-nitroso-di-n-propylamine	0.595	0.0416	"	0.831		71.6	24-119				
N-Nitrosodiphenylamine	0.891	0.0416	"	0.831		107	22-152				
Pentachlorophenol	0.336	0.0416	"	0.831		40.5	10-139				
Phenanthrene	0.748	0.0416	"	0.831		90.0	33-123				
Phenol	0.768	0.0416	"	0.831		92.5	23-115				
Pyrene	0.742	0.0416	"	0.831		89.4	32-130				
Pyridine	0.585	0.166	"	0.831		70.4	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.42*		"	*1.66*		*85.7*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.39*		"	*1.66*		*83.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.675*		"	*0.831*		*81.3*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.710*		"	*0.831*		*85.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.41*		"	*1.66*		*85.2*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.813*		"	*0.831*		*97.9*	*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 BI01665 - EPA 3550C											
Blank (BI01665-BLK1)											Prepared: 09/30/2020 Analyzed: 10/01/2020
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	"								
Chlordane, total	ND	0.0329	"								
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	0.00822	"								
Toxaphene	ND	0.0832	"								
Surrogate: Decachlorobiphenyl	*0.0568*		*"*	*0.0664*		*85.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0429*		*"*	*0.0664*		*64.5*	*30-150*				
LCS (BI01665-BS1)											Prepared: 09/30/2020 Analyzed: 10/01/2020
4,4'-DDD	0.0162	0.00164	mg/kg wet	0.0332		48.9	40-140				
4,4'-DDE	0.0144	0.00164	"	0.0332		43.3	40-140				
4,4'-DDT	0.0133	0.00164	"	0.0332		40.1	40-140				
Aldrin	0.0165	0.00164	"	0.0332		49.8	40-140				
alpha-BHC	0.0156	0.00164	"	0.0332		47.0	40-140				
alpha-Chlordane	0.0163	0.00164	"	0.0332		49.0	40-140				
beta-BHC	0.0148	0.00164	"	0.0332		44.6	40-140				
delta-BHC	0.0147	0.00164	"	0.0332		44.2	40-140				
Dieldrin	0.0166	0.00164	"	0.0332		49.8	40-140				
Endosulfan I	0.0193	0.00164	"	0.0332		58.2	40-140				
Endosulfan II	0.0163	0.00164	"	0.0332		49.2	40-140				
Endosulfan sulfate	0.0153	0.00164	"	0.0332		46.1	40-140				
Endrin	0.0149	0.00164	"	0.0332		44.9	40-140				
Endrin aldehyde	0.0162	0.00164	"	0.0332		48.8	40-140				
Endrin ketone	0.0151	0.00164	"	0.0332		45.5	40-140				
gamma-BHC (Lindane)	0.0159	0.00164	"	0.0332		48.0	40-140				
gamma-Chlordane	0.0162	0.00164	"	0.0332		48.9	40-140				
Heptachlor	0.0161	0.00164	"	0.0332		48.6	40-140				
Heptachlor epoxide	0.0161	0.00164	"	0.0332		48.6	40-140				
Methoxychlor	0.0156	0.00822	"	0.0332		47.0	40-140				
Surrogate: Decachlorobiphenyl	*0.0516*		*"*	*0.0664*		*77.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0382*		*"*	*0.0664*		*57.5*	*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 Y0I1101 - BI00252											
Performance Mix (Y0I1101-PEM1)								Prepared & Analyzed: 09/10/2020			
4,4'-DDD	3.52		ng/mL	0.00			0-200				
4,4'-DDE	1.19		"	0.00			0-200				
4,4'-DDT	196		"	200		98.1	0-200				
Endrin	86.1		"	100		86.1	0-200				
Endrin aldehyde	2.77		"	0.00			0-200				
Endrin ketone	2.08		"	0.00			0-200				
Batch Y0J0201 - BI01264											
Performance Mix (Y0J0201-PEM1)								Prepared & Analyzed: 10/01/2020			
4,4'-DDD	6.91		ng/mL	0.00			0-200				
4,4'-DDE	1.74		"	0.00			0-200				
4,4'-DDT	192		"	200		96.2	0-200				
Endrin	96.7		"	100		96.7	0-200				
Endrin aldehyde	1.74		"	0.00			0-200				
Endrin ketone	3.43		"	0.00			0-200				
Performance Mix (Y0J0201-PEM2)								Prepared & Analyzed: 10/01/2020			
4,4'-DDD	20.4		ng/mL	0.00			0-200				
4,4'-DDE	1.37		"	0.00			0-200				
4,4'-DDT	182		"	200		90.9	0-200				
Endrin	95.9		"	100		95.9	0-200				
Endrin aldehyde	1.63		"	0.00			0-200				
Endrin ketone	7.44		"	0.00			0-200				

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 BJ00005 - EPA 3050B											
Blank (BJ00005-BLK1)											Prepared & Analyzed: 10/01/2020
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	"								
Reference (BJ00005-SRM1)											Prepared & Analyzed: 10/01/2020
Aluminum	8710	5.00	mg/kg wet	8460		103	50.5-150.1				
Antimony	61.2	2.50	"	120		51.0	19-251.7				
Arsenic	90.5	1.50	"	95.5		94.7	70.1-129.8				
Barium	304	2.50	"	300		101	75-125				
Beryllium	101	0.050	"	103		98.3	75-125.2				
Cadmium	139	0.300	"	135		103	74.8-125.2				
Calcium	4910	5.00	"	4720		104	72.7-127.5				
Chromium	149	0.500	"	147		101	70.1-129.9				
Cobalt	48.3	0.400	"	43.2		112	75-125				
Copper	156	2.00	"	150		104	75.3-125.3				
Iron	14000	25.0	"	14400		97.4	35.8-164.6				
Lead	85.6	0.500	"	92.3		92.8	70-130				
Magnesium	2430	5.00	"	2300		105	61.7-137.8				
Manganese	715	0.500	"	677		106	78.1-122				
Nickel	71.0	1.00	"	59.8		119	70.1-130.1				
Potassium	2050	5.00	"	2030		101	59.1-140.9				
Selenium	22.1	2.50	"	42.0		52.6	55.7-144.5	Low Bias			
Silver	34.3	0.500	"	40.3		85.1	69.2-130.8				
Sodium	135	50.0	"	139		97.4	36.1-163.3				
Thallium	77.2	2.50	"	83.1		92.9	65.3-146.8				
Vanadium	92.3	1.00	"	96.9		95.3	67-133.1				
Zinc	370	2.50	"	369		100	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 BI01717 - EPA 7473 soil											
Blank (BI01717-BLK1)									Prepared & Analyzed: 09/30/2020		
Mercury	ND	0.0300	mg/kg wet								
Reference (BI01717-SRM1)									Prepared & Analyzed: 09/30/2020		
Mercury	2.7261		mg/kg	3.71		73.5	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 BJ00010 - Analysis Preparation Soil											
Blank (BJ00010-BLK1)									Prepared & Analyzed: 10/01/2020		
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BJ00010-SRM1)									Prepared & Analyzed: 10/01/2020		
Cyanide, total	89.1		ug/mL	96.2		92.6	42.41-156.96				
Batch BJ00014 - EPA SW846-3060											
Blank (BJ00014-BLK1)									Prepared & Analyzed: 10/01/2020		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BJ00014-SRM1)									Prepared & Analyzed: 10/01/2020		
Chromium, Hexavalent	64.5		mg/L	92.5		69.8	25.95-196.76				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20I1297-01	EP23_e156	40mL Vial with Stir Bar-Cool 4° C
20I1297-02	DUP02_093020	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

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-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).

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.: 20I1297

Page 1 of 1

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: LANGAN	Company:	Company:	170384501	RUSH - Next Day: X
Address: 360 W 31ST ST, 8TH FLOOR, NY	Address:	Address:	YOUR Project Name: 805-825 ATLANTIC AVENUE	RUSH - Two Day:
Phone: 212 479 5400	Phone:	Phone:		RUSH - Three Day:
Contact: KM 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.

TOMAS MONTI

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
EP23-0156	S	9/30/20 800	TCL/TAL PKG 375 VOCs, SVOCs, METALS, PEST, TCN, HEX/TRI CHROM	
DUP02-093020	S	9/30/20	TCL/TAL PKG 375 VOCs, SVOCs, METALS, PEST, TCN, HEX/TRI CHROM	

Comments: (A) 24 HOUR TAT

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
TOMAS MONTI LANGAN	9/30/20 1:15	Austen Aranco	9/30 1:15	Austen Aranco	9/30 1538
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
				KBlocher	9/30/20 1558

Temp. Received at Lab: 4.4 Degrees C

Technical Report

prepared for:

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

Report Date: 04/05/2018
Client Project ID: 170384501
York Project (SDG) No.: 18B0626

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: 04/05/2018
Client Project ID: 170384501
York Project (SDG) No.: 18B0626

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

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 February 15, 2018 and listed below. The project was identified as your project: **170384501**.

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
18B0626-01	GWFB02_021518	Water	02/15/2018	02/15/2018
18B0626-02	GWTB02_021518	Water	02/15/2018	02/15/2018
18B0626-03	MW101A_021518	Water	02/15/2018	02/15/2018
18B0626-04	MW118_021518	Water	02/15/2018	02/15/2018
18B0626-05	MW117_021518	Water	02/15/2018	02/15/2018
18B0626-06	GWDUP01_021518	Water	02/15/2018	02/15/2018

General Notes for York Project (SDG) No.: 18B0626

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: 04/05/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: GWFB02_021518 **York Sample ID:** 18B0626-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 3:00 pm	02/15/2018

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	02/20/2018 07:30	02/20/2018 19:20	SS
								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	02/20/2018 07:30	02/20/2018 19:20	SS
								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	02/20/2018 07:30	02/20/2018 19:20	SS
								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	02/20/2018 07:30	02/20/2018 19:20	SS
								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	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								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	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								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	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								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	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB02_021518 **York Sample ID:** 18B0626-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 3:00 pm	02/15/2018

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	02/20/2018 07:30	02/20/2018 19:20	SS
								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	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**2.81**	ICV-E, SCAL-E	ug/L	1.00	2.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	**Chloroform**	**0.340**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								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	02/20/2018 07:30	02/20/2018 19:20	SS
								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	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB02_021518 **York Sample ID:** 18B0626-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 3:00 pm	02/15/2018

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
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								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	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	**tert-Butyl alcohol (TBA)**	**1.43**		ug/L	0.500	2.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	**Toluene**	**0.300**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								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	02/20/2018 07:30	02/20/2018 19:20	SS
								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	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB02_021518 **York Sample ID:** 18B0626-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 3:00 pm	02/15/2018

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
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*95.9 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
							Certifications:			

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	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB02_021518 **York Sample ID:** 18B0626-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 3:00 pm	02/15/2018

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
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	3.85	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	3.85	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	19.2	38.5	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB02_021518 **York Sample ID:** 18B0626-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 3:00 pm	02/15/2018

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
100-51-6	Benzyl alcohol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	0.769	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	NELAC-NY10854,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.85	7.69	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*21.0 %*	*19.7-63.1*
4165-62-2	*Surrogate: Phenol-d5*	*12.2 %*	*10.1-41.7*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*56.3 %*	*50.2-113*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*57.4 %*	*39.9-105*

Sample Information

Client Sample ID: GWFB02_021518 **York Sample ID:** 18B0626-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 3:00 pm	02/15/2018

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
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*61.9 %*			*39.3-151*						
1718-51-0	*Surrogate: Terphenyl-d14*	*49.2 %*			*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
83-32-9	Acenaphthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-12-7	Anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1912-24-9	Atrazine	ND		ug/L	0.385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
218-01-9	Chrysene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	Fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0154	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: GWFB02_021518 **York Sample ID:** 18B0626-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 3:00 pm	02/15/2018

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
91-20-3	**Naphthalene**	**0.0462**		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.192	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.192	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
85-01-8	Phenanthrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.00		ug/L			1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:			

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	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:36	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:36	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-29-3	4,4'-DDT	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:36	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:36	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:36	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:36	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-85-7	beta-BHC	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:36	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	Chlordane, total	ND		ug/L	0.0242	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:36	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:36	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: GWFB02_021518 **York Sample ID:** 18B0626-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 3:00 pm	02/15/2018

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
60-57-1	Dieldrin	ND		ug/L	0.00242	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0121	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0121	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0121	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.121	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*52.6 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0606	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:19	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0606	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:19	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0606	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:19	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0606	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:19	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB02_021518 **York Sample ID:** 18B0626-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 3:00 pm	02/15/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		ug/L	0.0606	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:19	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0606	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:19	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		ug/L	0.0606	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:19	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		ug/L	0.0606	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:19	SA
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*61.9 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*102 %*	*30-120*

Herbicides, Target List

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
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	02/21/2018 04:05	02/21/2018 12:23	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	02/21/2018 04:05	02/21/2018 12:23	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	02/21/2018 04:05	02/21/2018 12:23	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*103 %*	*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 6010C	02/20/2018 09:16	02/21/2018 17:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	Barium	ND		mg/L	0.0111	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	Calcium	ND		mg/L	0.0556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**0.0117**		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**0.284**		mg/L	0.0222	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB02_021518 **York Sample ID:** 18B0626-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 3:00 pm	02/15/2018

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
7439-92-1	**Lead**	**0.0144**		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**0.0776**		mg/L	0.0556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**2.17**		mg/L	0.0556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/L	0.111	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.0296**		mg/L	0.0167	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 18:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	Barium	ND		mg/L	0.0111	1	EPA 6010C	02/19/2018 09:43	02/21/2018 18:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	Calcium	ND		mg/L	0.0556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 18:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 18:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 18:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**0.0448**		mg/L	0.0222	1	EPA 6010C	02/19/2018 09:43	02/21/2018 18:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**0.00793**		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 18:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**0.0699**		mg/L	0.0556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 18:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 18:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 18:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB02_021518 **York Sample ID:** 18B0626-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 3:00 pm	02/15/2018

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
7440-09-7	**Potassium**	**2.93**		mg/L	0.0556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 18:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 18:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/L	0.111	1	EPA 6010C	02/19/2018 09:43	02/21/2018 18:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	02/19/2018 09:43	02/21/2018 18:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0167	1	EPA 6010C	02/19/2018 09:43	02/21/2018 18:40	BML
							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 6020A	02/20/2018 09:20	02/21/2018 15:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:05	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		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB02_021518 **York Sample ID:** 18B0626-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 3:00 pm	02/15/2018

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
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:31	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	ND		mg/L	0.00020	1	EPA 7473	02/20/2018 12:38	02/20/2018 18:14	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	02/20/2018 09:22	02/20/2018 11:08	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	02/16/2018 12:18	02/16/2018 12:18	TJM
							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	02/21/2018 12:50	02/22/2018 12:09	PAM
							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	02/21/2018 09:42	02/21/2018 17:49	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Analyzed by: Con-Test Analytical Laboratory

Semi-Volatiles, 1,4-Dioxane by 8270-SIM (SUB)

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

Sample Information

Client Sample ID: GWFB02_021518 **York Sample ID:** 18B0626-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 3:00 pm	02/15/2018

Analyzed by: Con-Test Analytical Laboratory

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	0.22	1	SW846-8270D Certifications:	02/20/2018 00:00	02/22/2018 00:00	

Analyzed by: TestAmerica West Sacramento

PFAS in Water by EPA 537 **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
	Perfluoropentanoic acid (PFPeA)	See attached		ng/L	See attach	1	EPA 537m Certifications:	03/01/2018 00:00	03/01/2018 00:00	TA Ca
375-73-5	Perfluorobutanesulfonic acid (PFBS)	See attached		ng/L	See attach	1	EPA 537m Certifications:	03/01/2018 00:00	03/01/2018 00:00	TA Ca
307-24-4	Perfluorohexanoic acid (PFHxA)	See attached		ng/L	See attach	1	EPA 537m Certifications:	03/01/2018 00:00	03/01/2018 00:00	TA Ca
375-85-9	Perfluoroheptanoic acid (PFHpA)	See attached		ng/L	See attach	1	EPA 537m Certifications:	03/01/2018 00:00	03/01/2018 00:00	TA Ca
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	See attached		ng/L	See attach	1	EPA 537m Certifications:	03/01/2018 00:00	03/01/2018 00:00	TA Ca
335-67-1	Perfluorooctanoic acid (PFOA)	See attached		ng/L	See attach	1	EPA 537m Certifications:	03/01/2018 00:00	03/01/2018 00:00	TA Ca
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	See attached		ng/L	See attach	1	EPA 537m Certifications:	03/01/2018 00:00	03/01/2018 00:00	TA Ca
375-95-1	Perfluorononanoic acid (PFNA)	See attached		ng/L	See attach	1	EPA 537m Certifications:	03/01/2018 00:00	03/01/2018 00:00	TA Ca
335-76-2	Perfluorodecanoic acid (PFDA)	See attached		ng/L	See attach	1	EPA 537m Certifications:	03/01/2018 00:00	03/01/2018 00:00	TA Ca
	NMeFOSAA	See attached		ng/L	See attach	1	EPA 537m Certifications:	03/01/2018 00:00	03/01/2018 00:00	TA Ca
2058-94-8	Perfluoroundecanoic acid (PFUnA)	See attached		ng/L	See attach	1	EPA 537m Certifications:	03/01/2018 00:00	03/01/2018 00:00	TA Ca
	NEtFOSAA	See attached		ng/L	See attach	1	EPA 537m Certifications:	03/01/2018 00:00	03/01/2018 00:00	TA Ca
307-55-1	Perfluorododecanoic acid (PFDoA)	See attached		ng/L	See attach	1	EPA 537m Certifications:	03/01/2018 00:00	03/01/2018 00:00	TA Ca
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	See attached		ng/L	See attach	1	EPA 537m Certifications:	03/01/2018 00:00	03/01/2018 00:00	TA Ca
376-06-7	Perfluorotetradecanoic acid (PFTA)	See attached		ng/L	See attach	1	EPA 537m Certifications:	03/01/2018 00:00	03/01/2018 00:00	TA Ca

Sample Information

Client Sample ID: GWTB02_021518 **York Sample ID:** 18B0626-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 3:00 pm	02/15/2018

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	02/20/2018 07:30	02/20/2018 19:51	SS
								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	02/20/2018 07:30	02/20/2018 19:51	SS
								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	02/20/2018 07:30	02/20/2018 19:51	SS
								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	02/20/2018 07:30	02/20/2018 19:51	SS
								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	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								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	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								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	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								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	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWTB02_021518 **York Sample ID:** 18B0626-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 3:00 pm	02/15/2018

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	02/20/2018 07:30	02/20/2018 19:51	SS
								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	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								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	02/20/2018 07:30	02/20/2018 19:51	SS
								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	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWTB02_021518 **York Sample ID:** 18B0626-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 3:00 pm	02/15/2018

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	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								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	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	**tert-Butyl alcohol (TBA)**	**0.740**		ug/L	0.500	2.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								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	02/20/2018 07:30	02/20/2018 19:51	SS
								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	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWTB02_021518 **York Sample ID:** 18B0626-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 3:00 pm	02/15/2018

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	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*96.2 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
							Certifications:			

Sample Information

Client Sample ID: MW101A_021518 **York Sample ID:** 18B0626-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 9:15 am	02/15/2018

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	02/20/2018 07:30	02/20/2018 20:23	SS
								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	02/20/2018 07:30	02/20/2018 20:23	SS
								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	02/20/2018 07:30	02/20/2018 20:23	SS
								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	02/20/2018 07:30	02/20/2018 20:23	SS
								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	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								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	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								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	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								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	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW101A_021518 **York Sample ID:** 18B0626-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 9:15 am	02/15/2018

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
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	**Chloroform**	**13.5**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								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	02/20/2018 07:30	02/20/2018 20:23	SS
								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	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW101A_021518 **York Sample ID:** 18B0626-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 9:15 am	02/15/2018

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
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								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	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	**tert-Butyl alcohol (TBA)**	**1.29**		ug/L	0.500	2.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	**Tetrachloroethylene**	**0.300**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								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	02/20/2018 07:30	02/20/2018 20:23	SS
								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	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	**Trichloroethylene**	**6.29**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW101A_021518 **York Sample ID:** 18B0626-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 9:15 am	02/15/2018

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
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*98.2 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.3 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**propene isomer**	**1.5**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
							Certifications:			

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	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW101A_021518 **York Sample ID:** 18B0626-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 9:15 am	02/15/2018

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
95-57-8	2-Chlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	3.85	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	3.85	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	19.2	38.5	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW101A_021518 **York Sample ID:** 18B0626-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 9:15 am	02/15/2018

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
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	0.769	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	NELAC-NY10854,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.85	7.69	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*17.5 %*	S-08	*19.7-63.1*
4165-62-2	*Surrogate: Phenol-d5*	*10.9 %*		*10.1-41.7*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*53.2 %*		*50.2-113*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*54.7 %*		*39.9-105*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*67.3 %*		*39.3-151*
1718-51-0	*Surrogate: Terphenyl-d14*	*38.9 %*		*30.7-106*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: MW101A_021518 **York Sample ID:** 18B0626-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 9:15 am	02/15/2018

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	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-12-7	Anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1912-24-9	Atrazine	ND		ug/L	0.385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
218-01-9	Chrysene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	Fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0154	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	Naphthalene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.192	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.192	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
85-01-8	Phenanthrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW101A_021518 **York Sample ID:** 18B0626-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 9:15 am	02/15/2018

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
129-00-0	Pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.00		ug/L			1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:			

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	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:51	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:51	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-29-3	4,4'-DDT	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:51	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:51	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:51	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:51	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-85-7	beta-BHC	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:51	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	Chlordane, total	ND		ug/L	0.0242	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:51	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:51	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		ug/L	0.00242	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:51	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:51	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:51	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:51	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:51	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW101A_021518 **York Sample ID:** 18B0626-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 9:15 am	02/15/2018

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
7421-93-4	Endrin aldehyde	ND		ug/L	0.0121	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:51	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0121	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:51	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:51	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0121	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:51	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:51	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:51	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:51	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.121	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:51	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*64.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*57.9 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0606	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:35	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0606	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:35	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0606	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:35	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0606	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:35	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0606	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:35	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0606	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:35	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		ug/L	0.0606	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:35	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		ug/L	0.0606	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:35	SA
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*61.9 %*	*30-120*

Sample Information

Client Sample ID: MW101A_021518 **York Sample ID:** 18B0626-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 9:15 am	02/15/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*119 %*			*30-120*					

Herbicides, Target List

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
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	02/21/2018 04:05	02/21/2018 12:36	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	02/21/2018 04:05	02/21/2018 12:36	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	02/21/2018 04:05	02/21/2018 12:36	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*130 %*	*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**	**0.819**		mg/L	0.0556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:24	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.0735**		mg/L	0.0111	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:24	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**30.8**		mg/L	0.0556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:24	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**0.0191**		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:24	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**0.0273**		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:24	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**3.64**		mg/L	0.0222	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:24	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**0.0194**		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:24	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**10.0**		mg/L	0.0556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:24	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**0.220**		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:24	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**0.00967**		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:24	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**8.91**		mg/L	0.0556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:24	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW101A_021518 **York Sample ID:** 18B0626-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 9:15 am	02/15/2018

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:24	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	Sodium	ND		mg/L	0.111	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:24	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:24	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**0.0316**		mg/L	0.0167	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:24	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010C	04/02/2018 10:33	04/02/2018 12:56	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.0394**		mg/L	0.0111	1	EPA 6010C	04/02/2018 10:33	04/02/2018 12:56	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**25.1**		mg/L	0.0556	1	EPA 6010C	04/02/2018 10:33	04/02/2018 12:56	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C	04/02/2018 10:33	04/02/2018 12:56	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	Copper	ND		mg/L	0.00556	1	EPA 6010C	04/02/2018 10:33	04/02/2018 12:56	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	Iron	ND		mg/L	0.0222	1	EPA 6010C	04/02/2018 10:33	04/02/2018 12:56	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010C	04/02/2018 10:33	04/02/2018 12:56	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**7.95**		mg/L	0.0556	1	EPA 6010C	04/02/2018 10:33	04/02/2018 12:56	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**0.0620**		mg/L	0.00556	1	EPA 6010C	04/02/2018 10:33	04/02/2018 12:56	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C	04/02/2018 10:33	04/02/2018 12:56	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**5.34**		mg/L	0.0556	1	EPA 6010C	04/02/2018 10:33	04/02/2018 12:56	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	04/02/2018 10:33	04/02/2018 12:56	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**80.0**		mg/L	0.111	1	EPA 6010C	04/02/2018 10:33	04/02/2018 12:56	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	04/02/2018 10:33	04/02/2018 12:56	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	Zinc	ND		mg/L	0.0167	1	EPA 6010C	04/02/2018 10:33	04/02/2018 12:56	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW101A_021518 **York Sample ID:** 18B0626-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 9:15 am	02/15/2018

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 6020A	02/20/2018 09:20	02/21/2018 15:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**0.00199**		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**0.00244**		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:17	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		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**0.00158**		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**0.00121**		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:35	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	02/20/2018 12:38	02/20/2018 17:33	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	02/20/2018 09:22	02/20/2018 10:32	SY
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW101A_021518 **York Sample ID:** 18B0626-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 9:15 am	02/15/2018

Chromium, Hexavalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-01	mg/L	0.0100	1	EPA 7196A	02/16/2018 12:18	02/16/2018 12:18	TJM
							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**	**0.0191**		mg/L	0.0100	1	Calculation	02/21/2018 12:50	02/22/2018 12:09	PAM
							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	02/21/2018 09:42	02/21/2018 17:49	TJM
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: **MW118_021518** **York Sample ID:** **18B0626-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 1:00 pm	02/15/2018

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	02/20/2018 07:30	02/20/2018 22:29	SS
								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	02/20/2018 07:30	02/20/2018 22:29	SS
								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	02/20/2018 07:30	02/20/2018 22:29	SS
								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	02/20/2018 07:30	02/20/2018 22:29	SS
								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	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								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	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	**1,2,4-Trimethylbenzene**	**8.27**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								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	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	**1,3,5-Trimethylbenzene**	**7.13**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**0.280**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW118_021518 **York Sample ID:** 18B0626-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 1:00 pm	02/15/2018

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	02/20/2018 07:30	02/20/2018 22:29	SS
								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	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	**Benzene**	**0.320**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	**Chloroform**	**4.03**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								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	02/20/2018 07:30	02/20/2018 22:29	SS
								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	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	**Cyclohexane**	**0.480**	CCV-E	ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW118_021518 **York Sample ID:** 18B0626-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 1:00 pm	02/15/2018

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**	**7.31**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	**Isopropylbenzene**	**0.680**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								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	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	**Methylcyclohexane**	**0.630**	CCV-E	ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	**n-Butylbenzene**	**0.890**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	**n-Propylbenzene**	**1.98**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	**o-Xylene**	**16.5**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	**p- & m- Xylenes**	**24.5**		ug/L	0.500	1.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	**sec-Butylbenzene**	**0.360**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	**tert-Butyl alcohol (TBA)**	**1.14**		ug/L	0.500	2.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	**Tetrachloroethylene**	**0.230**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	**Toluene**	**14.3**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								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	02/20/2018 07:30	02/20/2018 22:29	SS
								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	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	**Trichloroethylene**	**16.0**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW118_021518 **York Sample ID:** 18B0626-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 1:00 pm	02/15/2018

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	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	**Xylenes, Total**	**41.0**		ug/L	0.600	1.50	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*105 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*95.6 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
TIC1000	**(methyl propenyl) benzene isomer**	**2.1**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
							Certifications:			
NA	**dihydro methyl indene isomers**	**3.3**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
							Certifications:			
NA	**Ethyl Dimethyl Benzene isomers**	**6.0**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
							Certifications:			
NA	**Methyl (methylethyl) benzene isomer**	**1.1**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
							Certifications:			
NA	**methyl propyl benzene isomer**	**1.6**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
							Certifications:			
NA	**propenyl benzene isomer**	**9.5**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
							Certifications:			
NA	**Tetramethyl Benzene isomer**	**1.6**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
							Certifications:			
NA	**Trimethyl Benzene isomer**	**10**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
							Certifications:			
NA	**trimethyl Pentane isomer**	**1.1**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
							Certifications:			

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	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW118_021518 **York Sample ID:** 18B0626-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 1:00 pm	02/15/2018

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
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW118_021518 **York Sample ID:** 18B0626-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 1:00 pm	02/15/2018

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
100-01-6	4-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	3.85	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	3.85	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	19.2	38.5	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	0.769	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	NELAC-NY10854,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.85	7.69	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW118_021518 **York Sample ID:** 18B0626-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 1:00 pm	02/15/2018

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
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*20.6 %*	*19.7-63.1*
4165-62-2	*Surrogate: Phenol-d5*	*12.1 %*	*10.1-41.7*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*56.6 %*	*50.2-113*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*56.6 %*	*39.9-105*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*68.1 %*	*39.3-151*
1718-51-0	*Surrogate: Terphenyl-d14*	*40.4 %*	*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
83-32-9	Acenaphthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-12-7	Anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1912-24-9	Atrazine	ND		ug/L	0.385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
218-01-9	Chrysene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW118_021518 **York Sample ID:** 18B0626-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 1:00 pm	02/15/2018

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
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	Fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0154	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	**Naphthalene**	**0.0385**		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.192	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.192	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
85-01-8	Phenanthrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.00		ug/L			1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:			

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	02/19/2018 07:58	02/20/2018 21:06	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		ug/L	0.00500	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:06	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW118_021518 **York Sample ID:** 18B0626-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 1:00 pm	02/15/2018

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
50-29-3	4,4'-DDT	ND		ug/L	0.00500	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/L	0.00500	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/L	0.00500	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00500	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/L	0.00500	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		ug/L	0.0250	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/L	0.00500	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/L	0.00250	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/L	0.00500	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/L	0.00500	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00500	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/L	0.00500	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0125	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0125	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00500	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0125	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00500	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00500	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00500	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.125	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*64.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*64.4 %*	*30-150*

Sample Information

Client Sample ID: MW118_021518 **York Sample ID:** 18B0626-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 1:00 pm	02/15/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0625	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:51	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0625	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:51	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0625	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:51	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0625	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:51	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0625	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:51	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0625	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:51	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		ug/L	0.0625	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:51	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		ug/L	0.0625	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:51	SA
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.8 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*102 %*	*30-120*

Herbicides, Target List

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
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	02/21/2018 04:05	02/21/2018 12:49	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	02/21/2018 04:05	02/21/2018 12:49	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	02/21/2018 04:05	02/21/2018 12:49	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*118 %*	*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**	**0.478**		mg/L	0.0556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:46	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW118_021518 **York Sample ID:** 18B0626-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 1:00 pm	02/15/2018

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
7440-39-3	**Barium**	**0.210**		mg/L	0.0111	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:46	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**118**		mg/L	0.0556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:46	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:46	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**0.0181**		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:46	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**1.06**		mg/L	0.0222	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:46	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**0.0196**		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:46	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**44.0**		mg/L	0.0556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:46	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.263**		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:46	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:46	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**12.7**		mg/L	0.0556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:46	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:46	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/L	0.111	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:46	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:46	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.0244**		mg/L	0.0167	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:46	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.174**		mg/L	0.0111	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**106**		mg/L	0.0556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**0.00685**		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW118_021518 **York Sample ID:** 18B0626-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 1:00 pm	02/15/2018

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.0718**		mg/L	0.0222	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**0.0111**		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**39.1**		mg/L	0.0556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.143**		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**10.1**		mg/L	0.0556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/L	0.111	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0167	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:05	BML
							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 6020A	02/20/2018 09:20	02/21/2018 15:29	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:29	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:29	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:29	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**0.00344**		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:29	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:29	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

Sample Information

Client Sample ID: MW118_021518 **York Sample ID:** 18B0626-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 1:00 pm	02/15/2018

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		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:46	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:46	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:46	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:46	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**0.00282**		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:46	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:46	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	02/20/2018 12:38	02/20/2018 18:22	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	02/20/2018 09:22	02/20/2018 11:16	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	02/16/2018 12:18	02/16/2018 12:18	TJM
							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	02/21/2018 12:50	02/22/2018 12:09	PAM
							Certifications:			

Cyanide, Total

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

Sample Information

Client Sample ID: MW118_021518 **York Sample ID:** 18B0626-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 1:00 pm	02/15/2018

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	02/21/2018 09:42	02/21/2018 17:49	TJM
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Analyzed by: Con-Test Analytical Laboratory

Semi-Volatiles, 1,4-Dioxane by 8270-SIM (SUB) **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	0.22	1	SW846-8270D	02/20/2018 00:00	02/22/2018 00:00	
							Certifications:			

Analyzed by: TestAmerica West Sacramento

PFAS in Water by EPA 537 **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
	Perfluoropentanoic acid (PFPeA)	See attached		ng/L	See attach	1	EPA 537m	03/01/2018 00:00	03/01/2018 00:00	TA Ca
							Certifications:			
375-73-5	Perfluorobutanesulfonic acid (PFBS)	See attached		ng/L	See attach	1	EPA 537m	03/01/2018 00:00	03/01/2018 00:00	TA Ca
							Certifications:			
307-24-4	Perfluorohexanoic acid (PFHxA)	See attached		ng/L	See attach	1	EPA 537m	03/01/2018 00:00	03/01/2018 00:00	TA Ca
							Certifications:			
375-85-9	Perfluoroheptanoic acid (PFHpA)	See attached		ng/L	See attach	1	EPA 537m	03/01/2018 00:00	03/01/2018 00:00	TA Ca
							Certifications:			
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	See attached		ng/L	See attach	1	EPA 537m	03/01/2018 00:00	03/01/2018 00:00	TA Ca
							Certifications:			
335-67-1	Perfluorooctanoic acid (PFOA)	See attached		ng/L	See attach	1	EPA 537m	03/01/2018 00:00	03/01/2018 00:00	TA Ca
							Certifications:			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	See attached		ng/L	See attach	1	EPA 537m	03/01/2018 00:00	03/01/2018 00:00	TA Ca
							Certifications:			
375-95-1	Perfluorononanoic acid (PFNA)	See attached		ng/L	See attach	1	EPA 537m	03/01/2018 00:00	03/01/2018 00:00	TA Ca
							Certifications:			
335-76-2	Perfluorodecanoic acid (PFDA)	See attached		ng/L	See attach	1	EPA 537m	03/01/2018 00:00	03/01/2018 00:00	TA Ca
							Certifications:			
	NMeFOSAA	See attached		ng/L	See attach	1	EPA 537m	03/01/2018 00:00	03/01/2018 00:00	TA Ca
							Certifications:			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	See attached		ng/L	See attach	1	EPA 537m	03/01/2018 00:00	03/01/2018 00:00	TA Ca
							Certifications:			
	NEtFOSAA	See attached		ng/L	See attach	1	EPA 537m	03/01/2018 00:00	03/01/2018 00:00	TA Ca
							Certifications:			

Sample Information

Client Sample ID: MW118_021518 **York Sample ID:** 18B0626-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 1:00 pm	02/15/2018

Analyzed by: TestAmerica West Sacramento

PFAS in Water by EPA 537 **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
307-55-1	Perfluorododecanoic acid (PFDoA)	See attached		ng/L	See attach	1	EPA 537m Certifications:	03/01/2018 00:00	03/01/2018 00:00	TA Ca
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	See attached		ng/L	See attach	1	EPA 537m Certifications:	03/01/2018 00:00	03/01/2018 00:00	TA Ca
376-06-7	Perfluorotetradecanoic acid (PFTA)	See attached		ng/L	See attach	1	EPA 537m Certifications:	03/01/2018 00:00	03/01/2018 00:00	TA Ca

Sample Information

Client Sample ID: MW117_021518 **York Sample ID:** 18B0626-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 2:45 pm	02/15/2018

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	02/20/2018 07:30	02/20/2018 23:01	SS
								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	02/20/2018 07:30	02/20/2018 23:01	SS
								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	02/20/2018 07:30	02/20/2018 23:01	SS
								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	02/20/2018 07:30	02/20/2018 23:01	SS
								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	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								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	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	**1,2,4-Trimethylbenzene**	**15.2**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								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	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	**1,3,5-Trimethylbenzene**	**7.56**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**0.490**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW117_021518 **York Sample ID:** 18B0626-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 2:45 pm	02/15/2018

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**	**0.420**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								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	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**1.57**	SCAL-E, ICV-E	ug/L	1.00	2.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	**Carbon disulfide**	**0.230**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	**Chloroform**	**2.33**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								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	02/20/2018 07:30	02/20/2018 23:01	SS
								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	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	**Cyclohexane**	**0.260**	CCV-E	ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW117_021518 **York Sample ID:** 18B0626-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 2:45 pm	02/15/2018

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
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	**Ethyl Benzene**	**2.67**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	**Isopropylbenzene**	**0.970**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								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	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	**Methylcyclohexane**	**0.330**	CCV-E	ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	**n-Butylbenzene**	**0.800**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	**n-Propylbenzene**	**3.86**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	**o-Xylene**	**0.440**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	**p- & m- Xylenes**	**7.20**		ug/L	0.500	1.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	**sec-Butylbenzene**	**0.310**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	**tert-Butyl alcohol (TBA)**	**1.26**		ug/L	0.500	2.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	**Tetrachloroethylene**	**0.210**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								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	02/20/2018 07:30	02/20/2018 23:01	SS
								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	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	**Trichloroethylene**	**14.6**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW117_021518 **York Sample ID:** 18B0626-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 2:45 pm	02/15/2018

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
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	**Xylenes, Total**	**7.64**		ug/L	0.600	1.50	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.6 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*98.1 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.9 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**dihydro methyl indene isomer**	**1.2**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
							Certifications:			
NA	**Ethenyl dimethyl benzene isomer**	**3.2**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
							Certifications:			
NA	**Ethyl Dimethyl Benzene isomer**	**1.9**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
							Certifications:			
NA	**Ethyl Methyl Benzene isomer**	**11**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
							Certifications:			
NA	**Methyl (methylethyl) benzene isomer**	**3.0**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
							Certifications:			
NA	**methyl Octane isomer**	**1.4**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
							Certifications:			
NA	**methyl propyl benzene isomer**	**1.4**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
							Certifications:			
NA	**propene isomer**	**1.3**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
							Certifications:			
NA	**propenyl benzene isomer**	**8.1**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
							Certifications:			
NA	**Tetramethyl Benzene isomer**	**1.4**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
							Certifications:			

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	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW117_021518 **York Sample ID:** 18B0626-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 2:45 pm	02/15/2018

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
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW117_021518 **York Sample ID:** 18B0626-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 2:45 pm	02/15/2018

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
106-47-8	4-Chloroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	3.85	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	3.85	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	19.2	38.5	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	0.769	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: MW117_021518 **York Sample ID:** 18B0626-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 2:45 pm	02/15/2018

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
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.85	7.69	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
78-59-1	Isophorone	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*23.0 %*	*19.7-63.1*
4165-62-2	*Surrogate: Phenol-d5*	*12.9 %*	*10.1-41.7*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*56.5 %*	*50.2-113*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*61.1 %*	*39.9-105*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*72.4 %*	*39.3-151*
1718-51-0	*Surrogate: Terphenyl-d14*	*45.3 %*	*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
83-32-9	Acenaphthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:01	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:01	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-12-7	Anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:01	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1912-24-9	Atrazine	ND		ug/L	0.385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:01	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:01	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:01	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:01	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:01	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:01	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW117_021518 **York Sample ID:** 18B0626-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 2:45 pm	02/15/2018

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
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:01	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
218-01-9	Chrysene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:01	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:01	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	Fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:01	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:01	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0154	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:01	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:01	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:01	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:01	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	**Naphthalene**	**0.369**		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:01	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.192	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:01	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:01	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.192	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:01	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
85-01-8	Phenanthrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:01	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:01	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, Tentatively Identified Cmpds.

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
NA	**Ethyl Methyl Benzene isomer**	**5.38**	N	ug/L			1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:			
NA	**Methyl (methylethyl) benzene isomer**	**4.62**	N	ug/L			1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:			
NA	**Trimethyl Benzene isomer**	**18.5**	N	ug/L			1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:			

Sample Information

Client Sample ID: MW117_021518 **York Sample ID:** 18B0626-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 2:45 pm	02/15/2018

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	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:21	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:21	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:21	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:21	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:21	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:21	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:21	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		ug/L	0.0258	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:21	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:21	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/L	0.00258	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:21	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:21	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:21	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:21	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:21	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0129	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:21	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0129	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:21	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:21	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0129	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:21	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:21	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:21	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:21	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW117_021518 **York Sample ID:** 18B0626-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 2:45 pm	02/15/2018

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
8001-35-2	Toxaphene	ND		ug/L	0.129	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:21	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*65.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*59.0 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0645	1	EPA 8082A	02/19/2018 07:58	02/21/2018 11:08	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0645	1	EPA 8082A	02/19/2018 07:58	02/21/2018 11:08	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0645	1	EPA 8082A	02/19/2018 07:58	02/21/2018 11:08	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0645	1	EPA 8082A	02/19/2018 07:58	02/21/2018 11:08	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0645	1	EPA 8082A	02/19/2018 07:58	02/21/2018 11:08	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0645	1	EPA 8082A	02/19/2018 07:58	02/21/2018 11:08	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		ug/L	0.0645	1	EPA 8082A	02/19/2018 07:58	02/21/2018 11:08	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		ug/L	0.0645	1	EPA 8082A	02/19/2018 07:58	02/21/2018 11:08	SA
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*63.4 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*111 %*	*30-120*

Herbicides, Target List

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
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	02/21/2018 04:05	02/21/2018 13:02	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	02/21/2018 04:05	02/21/2018 13:02	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	02/21/2018 04:05	02/21/2018 13:02	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: MW117_021518 **York Sample ID:** 18B0626-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 2:45 pm	02/15/2018

Herbicides, Target List

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
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*113 %*			*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**	**1.20**		mg/L	0.0556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.261**		mg/L	0.0111	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**121**		mg/L	0.0556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**0.0127**		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**0.0228**		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**3.49**		mg/L	0.0222	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**0.0232**		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**47.5**		mg/L	0.0556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.861**		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**0.0213**		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**14.7**		mg/L	0.0556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/L	0.111	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.0377**		mg/L	0.0167	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:11	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW117_021518 **York Sample ID:** 18B0626-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 2:45 pm	02/15/2018

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
7440-39-3	**Barium**	**0.210**		mg/L	0.0111	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:11	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**110**		mg/L	0.0556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:11	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:11	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**0.00654**		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:11	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**0.142**		mg/L	0.0222	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:11	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**0.00855**		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:11	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**43.0**		mg/L	0.0556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:11	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.601**		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:11	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**0.00944**		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:11	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**12.5**		mg/L	0.0556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:11	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:11	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/L	0.111	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:11	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:11	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0167	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:11	BML
							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 6020A	02/20/2018 09:20	02/21/2018 15:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**0.00141**		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**0.00294**		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW117_021518 **York Sample ID:** 18B0626-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 2:45 pm	02/15/2018

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 6020A	02/20/2018 09:20	02/21/2018 15:32	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		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:50	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:50	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:50	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:50	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**0.00283**		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:50	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:50	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	02/20/2018 12:38	02/20/2018 18:33	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	02/20/2018 09:22	02/20/2018 11:27	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	02/16/2018 12:18	02/16/2018 12:18	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Chromium, Trivalent

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

Sample Information

Client Sample ID: MW117_021518 **York Sample ID:** 18B0626-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 2:45 pm	02/15/2018

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**	**0.0127**		mg/L	0.0100	1	Calculation	02/21/2018 12:50	02/22/2018 12:09	PAM
							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	02/21/2018 09:42	02/21/2018 17:49	TJM
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: GWDUP01_021518 **York Sample ID:** 18B0626-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 12:34 pm	02/15/2018

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	02/20/2018 07:30	02/20/2018 23:32	SS
								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	02/20/2018 07:30	02/20/2018 23:32	SS
								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	02/20/2018 07:30	02/20/2018 23:32	SS
								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	02/20/2018 07:30	02/20/2018 23:32	SS
								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	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								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	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	**1,2,4-Trimethylbenzene**	**16.0**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								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	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	**1,3,5-Trimethylbenzene**	**8.04**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**0.340**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWDUP01_021518 **York Sample ID:** 18B0626-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 12:34 pm	02/15/2018

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**	**0.460**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								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	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**1.45**	SCAL-E, ICV-E	ug/L	1.00	2.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	**Carbon disulfide**	**0.230**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	**Chloroform**	**2.40**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								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	02/20/2018 07:30	02/20/2018 23:32	SS
								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	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	**Cyclohexane**	**0.270**	CCV-E	ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWDUP01_021518 **York Sample ID:** 18B0626-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 12:34 pm	02/15/2018

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
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	**Ethyl Benzene**	**2.80**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	**Isopropylbenzene**	**1.04**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								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	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	**Methylcyclohexane**	**0.390**	CCV-E	ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	**n-Butylbenzene**	**0.900**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	**n-Propylbenzene**	**4.12**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	**o-Xylene**	**0.450**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	**p- & m- Xylenes**	**7.50**		ug/L	0.500	1.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	**sec-Butylbenzene**	**0.370**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	**tert-Butyl alcohol (TBA)**	**1.01**		ug/L	0.500	2.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	**Tetrachloroethylene**	**0.220**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								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	02/20/2018 07:30	02/20/2018 23:32	SS
								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	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	**Trichloroethylene**	**14.9**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWDUP01_021518 **York Sample ID:** 18B0626-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 12:34 pm	02/15/2018

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
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	**Xylenes, Total**	**7.95**		ug/L	0.600	1.50	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.0 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*98.4 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**dihydro methyl indene isomer**	**2.5**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
							Certifications:			
NA	**Ethenyl dimethyl benzene isomer**	**3.2**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
							Certifications:			
NA	**ethenyl methyl benzene isomer**	**8.8**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
							Certifications:			
NA	**Ethyl Dimethyl Benzene isomers**	**5.4**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
							Certifications:			
NA	**Ethyl Methyl Benzene isomer**	**11**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
							Certifications:			
NA	**Methyl Indan isomer**	**1.4**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
							Certifications:			
NA	**methyl propyl benzene isomer**	**1.5**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
							Certifications:			
NA	**propene isomer**	**1.3**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
							Certifications:			
NA	**Tetramethyl Benzene isomer**	**1.5**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
							Certifications:			
NA	**trimethyl Pentane isomer**	**1.5**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
							Certifications:			

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	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GWDUP01_021518 **York Sample ID:** 18B0626-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 12:34 pm	02/15/2018

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
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GWDUP01_021518 **York Sample ID:** 18B0626-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 12:34 pm	02/15/2018

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
106-47-8	4-Chloroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	3.85	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	3.85	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	19.2	38.5	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	0.769	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: GWDUP01_021518 **York Sample ID:** 18B0626-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 12:34 pm	02/15/2018

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
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.85	7.69	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*23.6 %*	*19.7-63.1*
4165-62-2	*Surrogate: Phenol-d5*	*13.2 %*	*10.1-41.7*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*58.0 %*	*50.2-113*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*61.1 %*	*39.9-105*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*74.9 %*	*39.3-151*
1718-51-0	*Surrogate: Terphenyl-d14*	*48.0 %*	*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
83-32-9	Acenaphthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:32	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:32	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:32	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		ug/L	0.385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:32	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:32	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:32	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:32	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:32	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:32	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GWDUP01_021518 **York Sample ID:** 18B0626-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 12:34 pm	02/15/2018

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
117-81-7	**Bis(2-ethylhexyl)phthalate**	**1.77**		ug/L	0.385	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2018 08:37	02/20/2018 18:32	SR
218-01-9	Chrysene	ND		ug/L	0.0385	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2018 08:37	02/20/2018 18:32	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2018 08:37	02/20/2018 18:32	SR
206-44-0	Fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2018 08:37	02/20/2018 18:32	SR
86-73-7	Fluorene	ND		ug/L	0.0385	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2018 08:37	02/20/2018 18:32	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0154	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2018 08:37	02/20/2018 18:32	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.385	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2018 08:37	02/20/2018 18:32	SR
67-72-1	Hexachloroethane	ND		ug/L	0.385	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2018 08:37	02/20/2018 18:32	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2018 08:37	02/20/2018 18:32	SR
91-20-3	**Naphthalene**	**0.392**		ug/L	0.0385	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2018 08:37	02/20/2018 18:32	SR
98-95-3	Nitrobenzene	ND		ug/L	0.192	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2018 08:37	02/20/2018 18:32	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.385	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2018 08:37	02/20/2018 18:32	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.192	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2018 08:37	02/20/2018 18:32	SR
85-01-8	Phenanthrene	ND		ug/L	0.0385	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2018 08:37	02/20/2018 18:32	SR
129-00-0	Pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2018 08:37	02/20/2018 18:32	SR

Semi-Volatiles, Tentatively Identified Cmpds.

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
NA	**Ethyl Methyl Benzene isomer**	**5.38**	N	ug/L			1	EPA 8270D Certifications:	02/20/2018 08:37	02/20/2018 21:58	KH
NA	**Methyl (methylethyl) benzene isomer**	**5.38**	N	ug/L			1	EPA 8270D Certifications:	02/20/2018 08:37	02/20/2018 21:58	KH
NA	**Trimethyl Benzene isomer**	**19.2**	N	ug/L			1	EPA 8270D Certifications:	02/20/2018 08:37	02/20/2018 21:58	KH
NA	**unknown carboxylic acid**	**3.85**	N	ug/L			1	EPA 8270D Certifications:	02/20/2018 08:37	02/20/2018 21:58	KH

Sample Information

Client Sample ID: GWDUP01_021518 **York Sample ID:** 18B0626-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 12:34 pm	02/15/2018

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	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		ug/L	0.0258	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/L	0.00258	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0129	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0129	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0129	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GWDUP01_021518 **York Sample ID:** 18B0626-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 12:34 pm	02/15/2018

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
8001-35-2	Toxaphene	ND		ug/L	0.129	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:36	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*64.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*55.8 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0645	1	EPA 8082A	02/19/2018 07:58	02/21/2018 11:24	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		ug/L	0.0645	1	EPA 8082A	02/19/2018 07:58	02/21/2018 11:24	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		ug/L	0.0645	1	EPA 8082A	02/19/2018 07:58	02/21/2018 11:24	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		ug/L	0.0645	1	EPA 8082A	02/19/2018 07:58	02/21/2018 11:24	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		ug/L	0.0645	1	EPA 8082A	02/19/2018 07:58	02/21/2018 11:24	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		ug/L	0.0645	1	EPA 8082A	02/19/2018 07:58	02/21/2018 11:24	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		ug/L	0.0645	1	EPA 8082A	02/19/2018 07:58	02/21/2018 11:24	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		ug/L	0.0645	1	EPA 8082A	02/19/2018 07:58	02/21/2018 11:24	SA
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.8 %*		*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*130 %*	GC-Surr	*30-120*

Herbicides, Target List

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
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	02/21/2018 04:05	02/21/2018 13:14	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	02/21/2018 04:05	02/21/2018 13:14	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	02/21/2018 04:05	02/21/2018 13:14	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: GWDUP01_021518 **York Sample ID:** 18B0626-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 12:34 pm	02/15/2018

Herbicides, Target List

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
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*129 %*		*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**	**1.30**		mg/L	0.0556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.261**		mg/L	0.0111	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**121**		mg/L	0.0556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**0.0127**		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**0.0213**		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**3.62**		mg/L	0.0222	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**0.0206**		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**46.9**		mg/L	0.0556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.879**		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**0.0189**		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**14.7**		mg/L	0.0556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/L	0.111	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.0305**		mg/L	0.0167	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

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

Sample Information

Client Sample ID: GWDUP01_021518 **York Sample ID:** 18B0626-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 12:34 pm	02/15/2018

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**	**0.175**		mg/L	0.0556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:18	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.213**		mg/L	0.0111	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:18	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**109**		mg/L	0.0556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:18	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:18	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	Copper	ND		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:18	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**0.208**		mg/L	0.0222	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:18	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**0.00964**		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:18	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**43.1**		mg/L	0.0556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:18	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**0.614**		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:18	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**0.00714**		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:18	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**12.9**		mg/L	0.0556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:18	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:18	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	Sodium	ND		mg/L	0.111	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:18	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:18	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	Zinc	ND		mg/L	0.0167	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:18	BML
							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 6020A	02/20/2018 09:20	02/21/2018 15:36	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**0.00123**		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:36	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:36	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:36	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: GWDUP01_021518 **York Sample ID:** 18B0626-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 12:34 pm	02/15/2018

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	**Selenium**	**0.00219**		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:36	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:36	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		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:54	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:54	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:54	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:54	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**0.00272**		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:54	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:54	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	02/20/2018 12:38	02/20/2018 19:40	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	02/20/2018 09:22	02/20/2018 12:36	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	02/16/2018 12:18	02/16/2018 12:18	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: GWDUP01_021518 **York Sample ID:** 18B0626-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 12:34 pm	02/15/2018

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**	**0.0127**		mg/L	0.0100	1	Calculation	02/21/2018 12:50	02/22/2018 12:09	PAM
							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	02/21/2018 09:42	02/21/2018 17:49	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Analytical Batch Summary

Batch ID: 2/22/2018 **Preparation Method:** EPA 3535A **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
18B0626-01	GWFB02_021518	02/20/18
18B0626-04	MW118_021518	02/20/18

Batch ID: 3/1/2018 **Preparation Method:** Analysis Preparation **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
18B0626-01	GWFB02_021518	03/01/18
18B0626-04	MW118_021518	03/01/18

Batch ID: BB80710 **Preparation Method:** Analysis Preparation **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18B0626-01	GWFB02_021518	02/16/18
18B0626-03	MW101A_021518	02/16/18
18B0626-04	MW118_021518	02/16/18
18B0626-05	MW117_021518	02/16/18
18B0626-06	GWDUP01_021518	02/16/18
BB80710-BLK1	Blank	02/16/18
BB80710-BS1	LCS	02/16/18
BB80710-DUP1	Duplicate	02/16/18
BB80710-MS1	Matrix Spike	02/16/18

Batch ID: BB80757 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** TMP

YORK Sample ID	Client Sample ID	Preparation Date
18B0626-01	GWFB02_021518	02/19/18
18B0626-01	GWFB02_021518	02/19/18
18B0626-03	MW101A_021518	02/19/18
18B0626-03	MW101A_021518	02/19/18
18B0626-04	MW118_021518	02/19/18
18B0626-04	MW118_021518	02/19/18
18B0626-05	MW117_021518	02/19/18
18B0626-05	MW117_021518	02/19/18
18B0626-06	GWDUP01_021518	02/19/18
18B0626-06	GWDUP01_021518	02/19/18
BB80757-BLK1	Blank	02/19/18
BB80757-BLK2	Blank	02/19/18
BB80757-BS1	LCS	02/19/18
BB80757-BS2	LCS	02/19/18
BB80757-BSD2	LCS Dup	02/19/18
BB80757-MS1	Matrix Spike	02/19/18
BB80757-MSD1	Matrix Spike Dup	02/19/18

Batch ID: BB80767 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0626-01	GWFB02_021518	02/19/18
18B0626-03	MW101A_021518	02/19/18
18B0626-04	MW118_021518	02/19/18
18B0626-05	MW117_021518	02/19/18
18B0626-06	GWDUP01_021518	02/19/18
BB80767-BLK1	Blank	02/19/18
BB80767-BS1	LCS	02/19/18
BB80767-DUP1	Duplicate	02/19/18
BB80767-MS1	Matrix Spike	02/19/18

Batch ID: BB80768 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0626-01	GWFB02_021518	02/19/18
18B0626-04	MW118_021518	02/19/18
18B0626-05	MW117_021518	02/19/18
18B0626-06	GWDUP01_021518	02/19/18
BB80768-BLK1	Blank	02/19/18
BB80768-DUP1	Duplicate	02/19/18
BB80768-MS1	Matrix Spike	02/19/18
BB80768-SRM1	Reference	02/19/18

Batch ID: BB80824 **Preparation Method:** EPA 3510C **Prepared By:** KNK

YORK Sample ID	Client Sample ID	Preparation Date
18B0626-01	GWFB02_021518	02/20/18
18B0626-01	GWFB02_021518	02/20/18
18B0626-03	MW101A_021518	02/20/18
18B0626-03	MW101A_021518	02/20/18
18B0626-04	MW118_021518	02/20/18
18B0626-04	MW118_021518	02/20/18
18B0626-05	MW117_021518	02/20/18
18B0626-05	MW117_021518	02/20/18
18B0626-06	GWDUP01_021518	02/20/18
18B0626-06	GWDUP01_021518	02/20/18
BB80824-BLK1	Blank	02/20/18
BB80824-BLK1	Blank	02/20/18
BB80824-BLK2	Blank	02/20/18
BB80824-BS1	LCS	02/20/18
BB80824-BS2	LCS	02/20/18
BB80824-MS1	Matrix Spike	02/20/18
BB80824-MSD1	Matrix Spike Dup	02/20/18

Batch ID: BB80835 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0626-01	GWFB02_021518	02/20/18

18B0626-03	MW101A_021518	02/20/18
18B0626-04	MW118_021518	02/20/18
18B0626-05	MW117_021518	02/20/18
18B0626-06	GWDUP01_021518	02/20/18
BB80835-BLK1	Blank	02/20/18
BB80835-DUP1	Duplicate	02/20/18
BB80835-MS1	Matrix Spike	02/20/18
BB80835-SRM1	Reference	02/20/18

Batch ID: BB80836 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0626-01	GWFB02_021518	02/20/18
18B0626-03	MW101A_021518	02/20/18
18B0626-04	MW118_021518	02/20/18
18B0626-05	MW117_021518	02/20/18
18B0626-06	GWDUP01_021518	02/20/18
BB80836-BLK1	Blank	02/20/18
BB80836-BS1	LCS	02/20/18
BB80836-DUP1	Duplicate	02/20/18
BB80836-MS1	Matrix Spike	02/20/18

Batch ID: BB80837 **Preparation Method:** EPA 7473 water **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0626-01	GWFB02_021518	02/20/18
18B0626-03	MW101A_021518	02/20/18
18B0626-04	MW118_021518	02/20/18
18B0626-05	MW117_021518	02/20/18
18B0626-06	GWDUP01_021518	02/20/18
BB80837-BLK1	Blank	02/20/18
BB80837-DUP1	Duplicate	02/20/18
BB80837-MS1	Matrix Spike	02/20/18
BB80837-SRM1	Reference	02/20/18

Batch ID: BB80862 **Preparation Method:** EPA 7473 water **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0626-01	GWFB02_021518	02/20/18
18B0626-03	MW101A_021518	02/20/18
18B0626-04	MW118_021518	02/20/18
18B0626-05	MW117_021518	02/20/18
18B0626-06	GWDUP01_021518	02/20/18
BB80862-BLK1	Blank	02/20/18
BB80862-DUP1	Duplicate	02/20/18
BB80862-MS1	Matrix Spike	02/20/18
BB80862-SRM1	Reference	02/20/18

Batch ID: BB80868 **Preparation Method:** EPA 5030B **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
18B0626-01	GWFB02_021518	02/20/18
18B0626-02	GWTB02_021518	02/20/18
18B0626-03	MW101A_021518	02/20/18
18B0626-04	MW118_021518	02/20/18
18B0626-05	MW117_021518	02/20/18
18B0626-06	GWDUP01_021518	02/20/18
BB80868-BLK1	Blank	02/20/18
BB80868-BS1	LCS	02/20/18
BB80868-BSD1	LCS Dup	02/20/18
BB80868-MS1	Matrix Spike	02/20/18
BB80868-MSD1	Matrix Spike Dup	02/20/18

Batch ID: BB80901 **Preparation Method:** EPA 3535A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18B0626-01	GWFB02_021518	02/21/18
18B0626-03	MW101A_021518	02/21/18
18B0626-04	MW118_021518	02/21/18
18B0626-05	MW117_021518	02/21/18
18B0626-06	GWDUP01_021518	02/21/18
BB80901-BLK1	Blank	02/21/18
BB80901-BS1	LCS	02/21/18
BB80901-MS1	Matrix Spike	02/21/18
BB80901-MSD1	Matrix Spike Dup	02/21/18

Batch ID: BB80924 **Preparation Method:** Analysis Preparation **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18B0626-01	GWFB02_021518	02/21/18
18B0626-03	MW101A_021518	02/21/18
18B0626-04	MW118_021518	02/21/18
18B0626-05	MW117_021518	02/21/18
18B0626-06	GWDUP01_021518	02/21/18
BB80924-BLK1	Blank	02/21/18
BB80924-BS1	LCS	02/21/18
BB80924-DUP1	Duplicate	02/21/18
BB80924-MS1	Matrix Spike	02/21/18

Batch ID: BB80940 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
18B0626-01	GWFB02_021518	02/21/18
18B0626-03	MW101A_021518	02/21/18
18B0626-04	MW118_021518	02/21/18
18B0626-05	MW117_021518	02/21/18
18B0626-06	GWDUP01_021518	02/21/18

Batch ID: BD80029 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0626-03RE1	MW101A_021518	04/02/18
BD80029-BLK1	Blank	04/02/18
BD80029-BS1	LCS	04/02/18
BD80029-DUP1	Duplicate	04/02/18
BD80029-MS1	Matrix Spike	04/02/18

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 BB80868 - EPA 5030B											
Blank (BB80868-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
Tentatively Identified Compounds	0.0		"								
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	"								

Prepared & Analyzed: 02/20/2018

Volatile Organic Compounds by GC/MS - Quality Control Data

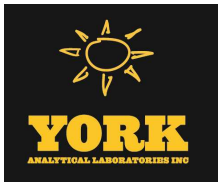
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80868 - EPA 5030B											
Blank (BB80868-BLK1)											Prepared & Analyzed: 02/20/2018
Methylene chloride	ND	2.00	ug/L								
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: 1,2-Dichloroethane-d4	*9.89*		*"*	*10.0*		*98.9*	*69-130*				
Surrogate: Toluene-d8	*9.72*		*"*	*10.0*		*97.2*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				
LCS (BB80868-BS1)											Prepared & Analyzed: 02/20/2018
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82-126				
1,1,1-Trichloroethane	11.1		"	10.0		111	78-136				
1,1,2,2-Tetrachloroethane	10.7		"	10.0		107	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.4		"	10.0		124	54-165				
1,1,2-Trichloroethane	10.1		"	10.0		101	82-123				
1,1-Dichloroethane	11.0		"	10.0		110	82-129				
1,1-Dichloroethylene	11.4		"	10.0		114	68-138				
1,2,3-Trichlorobenzene	10.7		"	10.0		107	76-136				
1,2,3-Trichloropropane	10.6		"	10.0		106	77-128				
1,2,4-Trichlorobenzene	10.5		"	10.0		105	76-137				
1,2,4-Trimethylbenzene	10.4		"	10.0		104	82-132				
1,2-Dibromo-3-chloropropane	9.88		"	10.0		98.8	45-147				
1,2-Dibromoethane	10.5		"	10.0		105	83-124				
1,2-Dichlorobenzene	10.4		"	10.0		104	79-123				
1,2-Dichloroethane	11.3		"	10.0		113	73-132				
1,2-Dichloropropane	10.2		"	10.0		102	78-126				
1,3,5-Trimethylbenzene	10.6		"	10.0		106	80-131				
1,3-Dichlorobenzene	10.4		"	10.0		104	86-122				
1,4-Dichlorobenzene	10.3		"	10.0		103	85-124				
1,4-Dioxane	148		"	210		70.4	10-349				
2-Butanone	11.2		"	10.0		112	49-152				
2-Hexanone	10.9		"	10.0		109	51-146				
4-Methyl-2-pentanone	11.2		"	10.0		112	57-145				
Acetone	9.52		"	10.0		95.2	14-150				
Acrolein	6.69		"	10.0		66.9	10-153				
Acrylonitrile	10.5		"	10.0		105	51-150				
Benzene	11.0		"	10.0		110	85-126				
Bromochloromethane	11.7		"	10.0		117	77-128				

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 BB80868 - EPA 5030B											
LCS (BB80868-BS1)								Prepared & Analyzed: 02/20/2018			
Bromodichloromethane	10.1		ug/L	10.0		101	79-128				
Bromoform	10.4		"	10.0		104	78-133				
Bromomethane	6.87		"	10.0		68.7	43-168				
Carbon disulfide	12.6		"	10.0		126	68-146				
Carbon tetrachloride	12.0		"	10.0		120	77-141				
Chlorobenzene	10.4		"	10.0		104	88-120				
Chloroethane	11.8		"	10.0		118	65-136				
Chloroform	10.6		"	10.0		106	82-128				
Chloromethane	11.9		"	10.0		119	43-155				
cis-1,2-Dichloroethylene	10.8		"	10.0		108	83-129				
cis-1,3-Dichloropropylene	10.1		"	10.0		101	80-131				
Cyclohexane	12.6		"	10.0		126	63-149				
Dibromochloromethane	10.5		"	10.0		105	80-130				
Dibromomethane	10.3		"	10.0		103	72-134				
Dichlorodifluoromethane	19.0		"	10.0		190	44-144	High Bias			
Ethyl Benzene	10.8		"	10.0		108	80-131				
Hexachlorobutadiene	10.4		"	10.0		104	67-146				
Isopropylbenzene	10.5		"	10.0		105	76-140				
Methyl acetate	11.7		"	10.0		117	51-139				
Methyl tert-butyl ether (MTBE)	10.8		"	10.0		108	76-135				
Methylcyclohexane	11.3		"	10.0		113	72-143				
Methylene chloride	10.5		"	10.0		105	55-137				
n-Butylbenzene	10.9		"	10.0		109	79-132				
n-Propylbenzene	10.8		"	10.0		108	78-133				
o-Xylene	10.6		"	10.0		106	78-130				
p- & m- Xylenes	21.6		"	20.0		108	77-133				
p-Isopropyltoluene	10.8		"	10.0		108	81-136				
sec-Butylbenzene	11.2		"	10.0		112	79-137				
Styrene	10.1		"	10.0		101	67-132				
tert-Butyl alcohol (TBA)	43.7		"	50.0		87.4	25-162				
tert-Butylbenzene	10.6		"	10.0		106	77-138				
Tetrachloroethylene	8.77		"	10.0		87.7	82-131				
Toluene	10.5		"	10.0		105	80-127				
trans-1,2-Dichloroethylene	10.9		"	10.0		109	80-132				
trans-1,3-Dichloropropylene	10.0		"	10.0		100	78-131				
Trichloroethylene	10.6		"	10.0		106	82-128				
Trichlorofluoromethane	13.0		"	10.0		130	67-139				
Vinyl Chloride	13.0		"	10.0		130	58-145				
Surrogate: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*69-130*				
Surrogate: Toluene-d8	*9.63*		*"*	*10.0*		*96.3*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.91*		*"*	*10.0*		*99.1*	*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 BB80868 - EPA 5030B											
LCS Dup (BB80868-BSD1)								Prepared & Analyzed: 02/20/2018			
1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	82-126		2.19	30	
1,1,1-Trichloroethane	10.8		"	10.0		108	78-136		2.46	30	
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	76-129		1.60	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.2		"	10.0		122	54-165		2.04	30	
1,1,2-Trichloroethane	9.86		"	10.0		98.6	82-123		2.70	30	
1,1-Dichloroethane	10.8		"	10.0		108	82-129		1.56	30	
1,1-Dichloroethylene	11.1		"	10.0		111	68-138		2.49	30	
1,2,3-Trichlorobenzene	11.7		"	10.0		117	76-136		8.77	30	
1,2,3-Trichloropropane	10.2		"	10.0		102	77-128		4.03	30	
1,2,4-Trichlorobenzene	10.8		"	10.0		108	76-137		2.72	30	
1,2,4-Trimethylbenzene	10.2		"	10.0		102	82-132		2.13	30	
1,2-Dibromo-3-chloropropane	9.64		"	10.0		96.4	45-147		2.46	30	
1,2-Dibromoethane	10.3		"	10.0		103	83-124		1.73	30	
1,2-Dichlorobenzene	10.2		"	10.0		102	79-123		1.75	30	
1,2-Dichloroethane	11.2		"	10.0		112	73-132		1.15	30	
1,2-Dichloropropane	9.95		"	10.0		99.5	78-126		2.38	30	
1,3,5-Trimethylbenzene	10.2		"	10.0		102	80-131		3.27	30	
1,3-Dichlorobenzene	10.2		"	10.0		102	86-122		1.74	30	
1,4-Dichlorobenzene	10.1		"	10.0		101	85-124		2.06	30	
1,4-Dioxane	226		"	210		108	10-349		41.8	30	Non-dir.
2-Butanone	10.3		"	10.0		103	49-152		8.02	30	
2-Hexanone	10.7		"	10.0		107	51-146		2.41	30	
4-Methyl-2-pentanone	11.0		"	10.0		110	57-145		2.26	30	
Acetone	9.76		"	10.0		97.6	14-150		2.49	30	
Acrolein	6.40		"	10.0		64.0	10-153		4.43	30	
Acrylonitrile	10.1		"	10.0		101	51-150		3.30	30	
Benzene	10.8		"	10.0		108	85-126		1.84	30	
Bromochloromethane	11.5		"	10.0		115	77-128		1.55	30	
Bromodichloromethane	9.80		"	10.0		98.0	79-128		2.62	30	
Bromoform	10.1		"	10.0		101	78-133		2.74	30	
Bromomethane	7.28		"	10.0		72.8	43-168		5.80	30	
Carbon disulfide	12.3		"	10.0		123	68-146		2.73	30	
Carbon tetrachloride	11.8		"	10.0		118	77-141		1.77	30	
Chlorobenzene	10.2		"	10.0		102	88-120		1.85	30	
Chloroethane	11.4		"	10.0		114	65-136		2.76	30	
Chloroform	10.5		"	10.0		105	82-128		1.33	30	
Chloromethane	11.3		"	10.0		113	43-155		5.16	30	
cis-1,2-Dichloroethylene	10.8		"	10.0		108	83-129		0.278	30	
cis-1,3-Dichloropropylene	9.92		"	10.0		99.2	80-131		1.60	30	
Cyclohexane	12.4		"	10.0		124	63-149		1.28	30	
Dibromochloromethane	10.3		"	10.0		103	80-130		1.64	30	
Dibromomethane	10.0		"	10.0		100	72-134		3.34	30	
Dichlorodifluoromethane	18.6		"	10.0		186	44-144	High Bias	2.02	30	
Ethyl Benzene	10.6		"	10.0		106	80-131		2.16	30	
Hexachlorobutadiene	10.5		"	10.0		105	67-146		0.766	30	
Isopropylbenzene	10.3		"	10.0		103	76-140		1.54	30	
Methyl acetate	11.6		"	10.0		116	51-139		1.29	30	
Methyl tert-butyl ether (MTBE)	10.8		"	10.0		108	76-135		0.647	30	
Methylcyclohexane	11.0		"	10.0		110	72-143		2.68	30	
Methylene chloride	10.4		"	10.0		104	55-137		0.860	30	
n-Butylbenzene	10.6		"	10.0		106	79-132		2.52	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

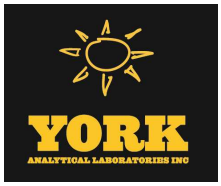
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80868 - EPA 5030B											
LCS Dup (BB80868-BSD1)								Prepared & Analyzed: 02/20/2018			
n-Propylbenzene	10.6		ug/L	10.0		106	78-133		2.06	30	
o-Xylene	10.4		"	10.0		104	78-130		1.91	30	
p- & m- Xylenes	21.2		"	20.0		106	77-133		2.24	30	
p-Isopropyltoluene	10.5		"	10.0		105	81-136		2.44	30	
sec-Butylbenzene	10.9		"	10.0		109	79-137		2.45	30	
Styrene	9.88		"	10.0		98.8	67-132		2.20	30	
tert-Butyl alcohol (TBA)	52.7		"	50.0		105	25-162		18.7	30	
tert-Butylbenzene	10.3		"	10.0		103	77-138		2.11	30	
Tetrachloroethylene	8.49		"	10.0		84.9	82-131		3.24	30	
Toluene	10.2		"	10.0		102	80-127		2.60	30	
trans-1,2-Dichloroethylene	10.7		"	10.0		107	80-132		1.95	30	
trans-1,3-Dichloropropylene	9.71		"	10.0		97.1	78-131		3.34	30	
Trichloroethylene	10.2		"	10.0		102	82-128		3.55	30	
Trichlorofluoromethane	12.8		"	10.0		128	67-139		1.47	30	
Vinyl Chloride	12.8		"	10.0		128	58-145		1.16	30	
Surrogate: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*69-130*				
Surrogate: Toluene-d8	*9.67*		*"*	*10.0*		*96.7*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.98*		*"*	*10.0*		*99.8*	*79-122*				
Matrix Spike (BB80868-MS1)	*Source sample: 18B0626-03 (MW101A_021518)							Prepared & Analyzed: 02/20/2018			
1,1,1,2-Tetrachloroethane	8.73		ug/L	10.0	0.00	87.3	45-161				
1,1,1-Trichloroethane	9.41		"	10.0	0.00	94.1	70-146				
1,1,2,2-Tetrachloroethane	9.48		"	10.0	0.00	94.8	74-121				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.18		"	10.0	0.00	71.8	21-217				
1,1,2-Trichloroethane	8.36		"	10.0	0.00	83.6	59-146				
1,1-Dichloroethane	9.32		"	10.0	0.00	93.2	54-146				
1,1-Dichloroethylene	9.00		"	10.0	0.00	90.0	44-165				
1,2,3-Trichlorobenzene	7.55		"	10.0	0.00	75.5	40-161				
1,2,3-Trichloropropane	9.29		"	10.0	0.00	92.9	74-127				
1,2,4-Trichlorobenzene	6.34		"	10.0	0.00	63.4	41-161				
1,2,4-Trimethylbenzene	7.12		"	10.0	0.00	71.2	72-129	Low Bias			
1,2-Dibromo-3-chloropropane	8.08		"	10.0	0.00	80.8	31-151				
1,2-Dibromoethane	8.55		"	10.0	0.00	85.5	75-125				
1,2-Dichlorobenzene	7.71		"	10.0	0.00	77.1	63-122				
1,2-Dichloroethane	9.11		"	10.0	0.00	91.1	68-131				
1,2-Dichloropropane	8.52		"	10.0	0.00	85.2	77-121				
1,3,5-Trimethylbenzene	7.25		"	10.0	0.00	72.5	69-126				
1,3-Dichlorobenzene	7.37		"	10.0	0.00	73.7	74-119	Low Bias			
1,4-Dichlorobenzene	7.31		"	10.0	0.00	73.1	70-124				
1,4-Dioxane	80.2		"	210	0.00	38.2	10-310				
2-Butanone	8.36		"	10.0	0.00	83.6	10-193				
2-Hexanone	8.84		"	10.0	0.00	88.4	53-133				
4-Methyl-2-pentanone	9.15		"	10.0	0.00	91.5	38-150				
Acetone	8.13		"	10.0	0.870	72.6	13-149				
Acrolein	5.69		"	10.0	0.00	56.9	10-195				
Acrylonitrile	8.35		"	10.0	0.00	83.5	37-165				
Benzene	9.11		"	10.0	0.00	91.1	38-155				
Bromochloromethane	9.28		"	10.0	0.00	92.8	75-121				
Bromodichloromethane	8.37		"	10.0	0.00	83.7	70-129				
Bromoform	8.37		"	10.0	0.00	83.7	66-136				
Bromomethane	5.24		"	10.0	0.00	52.4	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 BB80868 - EPA 5030B											
Matrix Spike (BB80868-MS1)	*Source sample: 18B0626-03 (MW101A_021518)							Prepared & Analyzed: 02/20/2018			
Carbon disulfide	9.72		ug/L	10.0	0.00	97.2	10-138				
Carbon tetrachloride	9.62		"	10.0	0.00	96.2	71-146				
Chlorobenzene	8.32		"	10.0	0.00	83.2	81-117				
Chloroethane	9.30		"	10.0	0.00	93.0	51-145				
Chloroform	22.7		"	10.0	13.5	92.0	80-124				
Chloromethane	7.90		"	10.0	0.00	79.0	16-163				
cis-1,2-Dichloroethylene	9.20		"	10.0	0.00	92.0	76-125				
cis-1,3-Dichloropropylene	8.37		"	10.0	0.00	83.7	58-131				
Cyclohexane	7.68		"	10.0	0.00	76.8	70-130				
Dibromochloromethane	8.53		"	10.0	0.00	85.3	71-129				
Dibromomethane	8.45		"	10.0	0.00	84.5	76-120				
Dichlorodifluoromethane	6.92		"	10.0	0.00	69.2	30-147				
Ethyl Benzene	8.32		"	10.0	0.00	83.2	72-128				
Hexachlorobutadiene	4.08		"	10.0	0.00	40.8	34-166				
Isopropylbenzene	7.24		"	10.0	0.00	72.4	66-139				
Methyl acetate	8.88		"	10.0	0.00	88.8	10-200				
Methyl tert-butyl ether (MTBE)	8.60		"	10.0	0.00	86.0	75-128				
Methylcyclohexane	5.42		"	10.0	0.00	54.2	70-130	Low Bias			
Methylene chloride	8.57		"	10.0	0.00	85.7	57-128				
n-Butylbenzene	5.23		"	10.0	0.00	52.3	61-138	Low Bias			
n-Propylbenzene	7.27		"	10.0	0.00	72.7	66-134				
o-Xylene	8.23		"	10.0	0.00	82.3	69-126				
p- & m- Xylenes	16.2		"	20.0	0.00	81.2	67-130				
p-Isopropyltoluene	5.78		"	10.0	0.00	57.8	64-137	Low Bias			
sec-Butylbenzene	5.98		"	10.0	0.00	59.8	53-155				
Styrene	7.78		"	10.0	0.00	77.8	69-125				
tert-Butyl alcohol (TBA)	37.2		"	50.0	1.29	71.8	10-130				
tert-Butylbenzene	6.50		"	10.0	0.00	65.0	65-139				
Tetrachloroethylene	6.23		"	10.0	0.300	59.3	64-139	Low Bias			
Toluene	8.66		"	10.0	0.00	86.6	76-123				
trans-1,2-Dichloroethylene	9.08		"	10.0	0.00	90.8	79-131				
trans-1,3-Dichloropropylene	8.31		"	10.0	0.00	83.1	55-130				
Trichloroethylene	15.0		"	10.0	6.29	87.3	53-145				
Trichlorofluoromethane	9.14		"	10.0	0.00	91.4	61-142				
Vinyl Chloride	9.18		"	10.0	0.00	91.8	31-165				
Surrogate: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*69-130*				
Surrogate: Toluene-d8	*9.80*		*"*	*10.0*		*98.0*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.80*		*"*	*10.0*		*98.0*	*79-122*				



Volatile Organic Compounds by GC/MS - Quality Control Data

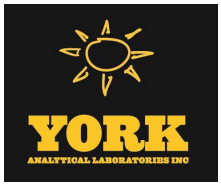
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80868 - EPA 5030B											
Matrix Spike Dup (BB80868-MSD1)	*Source sample: 18B0626-03 (MW101A_021518)							Prepared & Analyzed: 02/20/2018			
1,1,1,2-Tetrachloroethane	9.28		ug/L	10.0	0.00	92.8	45-161		6.11	30	
1,1,1-Trichloroethane	9.93		"	10.0	0.00	99.3	70-146		5.38	30	
1,1,2,2-Tetrachloroethane	9.89		"	10.0	0.00	98.9	74-121		4.23	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.58		"	10.0	0.00	85.8	21-217		17.8	30	
1,1,2-Trichloroethane	8.64		"	10.0	0.00	86.4	59-146		3.29	30	
1,1-Dichloroethane	9.70		"	10.0	0.00	97.0	54-146		4.00	30	
1,1-Dichloroethylene	9.40		"	10.0	0.00	94.0	44-165		4.35	30	
1,2,3-Trichlorobenzene	9.69		"	10.0	0.00	96.9	40-161		24.8	30	
1,2,3-Trichloropropane	9.52		"	10.0	0.00	95.2	74-127		2.45	30	
1,2,4-Trichlorobenzene	8.00		"	10.0	0.00	80.0	41-161		23.2	30	
1,2,4-Trimethylbenzene	8.42		"	10.0	0.00	84.2	72-129		16.7	30	
1,2-Dibromo-3-chloropropane	8.48		"	10.0	0.00	84.8	31-151		4.83	30	
1,2-Dibromoethane	8.95		"	10.0	0.00	89.5	75-125		4.57	30	
1,2-Dichlorobenzene	8.64		"	10.0	0.00	86.4	63-122		11.4	30	
1,2-Dichloroethane	9.58		"	10.0	0.00	95.8	68-131		5.03	30	
1,2-Dichloropropane	9.01		"	10.0	0.00	90.1	77-121		5.59	30	
1,3,5-Trimethylbenzene	8.64		"	10.0	0.00	86.4	69-126		17.5	30	
1,3-Dichlorobenzene	8.44		"	10.0	0.00	84.4	74-119		13.5	30	
1,4-Dichlorobenzene	8.28		"	10.0	0.00	82.8	70-124		12.4	30	
1,4-Dioxane	154		"	210	0.00	73.4	10-310		63.1	30	Non-dir.
2-Butanone	8.74		"	10.0	0.00	87.4	10-193		4.44	30	
2-Hexanone	9.19		"	10.0	0.00	91.9	53-133		3.88	30	
4-Methyl-2-pentanone	9.45		"	10.0	0.00	94.5	38-150		3.23	30	
Acetone	7.75		"	10.0	0.870	68.8	13-149		4.79	30	
Acrolein	6.67		"	10.0	0.00	66.7	10-195		15.9	30	
Acrylonitrile	8.16		"	10.0	0.00	81.6	37-165		2.30	30	
Benzene	9.56		"	10.0	0.00	95.6	38-155		4.82	30	
Bromochloromethane	9.74		"	10.0	0.00	97.4	75-121		4.84	30	
Bromodichloromethane	8.77		"	10.0	0.00	87.7	70-129		4.67	30	
Bromoform	8.72		"	10.0	0.00	87.2	66-136		4.10	30	
Bromomethane	5.55		"	10.0	0.00	55.5	30-158		5.75	30	
Carbon disulfide	10.1		"	10.0	0.00	101	10-138		3.74	30	
Carbon tetrachloride	10.3		"	10.0	0.00	103	71-146		6.63	30	
Chlorobenzene	8.89		"	10.0	0.00	88.9	81-117		6.62	30	
Chloroethane	9.37		"	10.0	0.00	93.7	51-145		0.750	30	
Chloroform	23.3		"	10.0	13.5	98.0	80-124		2.61	30	
Chloromethane	8.05		"	10.0	0.00	80.5	16-163		1.88	30	
cis-1,2-Dichloroethylene	9.57		"	10.0	0.00	95.7	76-125		3.94	30	
cis-1,3-Dichloropropylene	8.71		"	10.0	0.00	87.1	58-131		3.98	30	
Cyclohexane	9.36		"	10.0	0.00	93.6	70-130		19.7	30	
Dibromochloromethane	8.95		"	10.0	0.00	89.5	71-129		4.81	30	
Dibromomethane	8.78		"	10.0	0.00	87.8	76-120		3.83	30	
Dichlorodifluoromethane	7.67		"	10.0	0.00	76.7	30-147		10.3	30	
Ethyl Benzene	9.08		"	10.0	0.00	90.8	72-128		8.74	30	
Hexachlorobutadiene	6.17		"	10.0	0.00	61.7	34-166		40.8	30	Non-dir.
Isopropylbenzene	8.62		"	10.0	0.00	86.2	66-139		17.4	30	
Methyl acetate	9.04		"	10.0	0.00	90.4	10-200		1.79	30	
Methyl tert-butyl ether (MTBE)	9.00		"	10.0	0.00	90.0	75-128		4.55	30	
Methylcyclohexane	7.35		"	10.0	0.00	73.5	70-130		30.2	30	Non-dir.
Methylene chloride	8.89		"	10.0	0.00	88.9	57-128		3.67	30	
n-Butylbenzene	7.13		"	10.0	0.00	71.3	61-138		30.7	30	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 BB80868 - EPA 5030B											
Matrix Spike Dup (BB80868-MSD1)	*Source sample: 18B0626-03 (MW101A_021518)							Prepared & Analyzed: 02/20/2018			
n-Propylbenzene	8.75		ug/L	10.0	0.00	87.5	66-134		18.5	30	
o-Xylene	9.00		"	10.0	0.00	90.0	69-126		8.94	30	
p- & m- Xylenes	17.8		"	20.0	0.00	89.2	67-130		9.33	30	
p-Isopropyltoluene	7.63		"	10.0	0.00	76.3	64-137		27.6	30	
sec-Butylbenzene	7.98		"	10.0	0.00	79.8	53-155		28.7	30	
Styrene	8.41		"	10.0	0.00	84.1	69-125		7.78	30	
tert-Butyl alcohol (TBA)	44.0		"	50.0	1.29	85.3	10-130		16.7	30	
tert-Butylbenzene	8.28		"	10.0	0.00	82.8	65-139		24.1	30	
Tetrachloroethylene	7.01		"	10.0	0.300	67.1	64-139		11.8	30	
Toluene	9.17		"	10.0	0.00	91.7	76-123		5.72	30	
trans-1,2-Dichloroethylene	9.38		"	10.0	0.00	93.8	79-131		3.25	30	
trans-1,3-Dichloropropylene	8.64		"	10.0	0.00	86.4	55-130		3.89	30	
Trichloroethylene	15.6		"	10.0	6.29	93.1	53-145		3.79	30	
Trichlorofluoromethane	9.91		"	10.0	0.00	99.1	61-142		8.08	30	
Vinyl Chloride	9.32		"	10.0	0.00	93.2	31-165		1.51	30	
Surrogate: 1,2-Dichloroethane-d4	*9.98*		*"*	*10.0*		*99.8*	*69-130*				
Surrogate: Toluene-d8	*9.72*		*"*	*10.0*		*97.2*	*81-117*				
Surrogate: 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 BB80824 - EPA 3510C

Blank (BB80824-BLK1) Prepared & Analyzed: 02/20/2018

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	50.0	"
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 BB80824 - EPA 3510C											
Blank (BB80824-BLK1)											Prepared & Analyzed: 02/20/2018
Surrogate: 2-Fluorophenol	*31.3*		*ug/L*	*77.4*		*40.4*	*19.7-63.1*				
Surrogate: Phenol-d5	*18.4*		*"*	*73.8*		*24.9*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*42.5*		*"*	*51.6*		*82.4*	*50.2-113*				
Surrogate: 2-Fluorobiphenyl	*44.7*		*"*	*50.2*		*89.0*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*79.8*		*"*	*77.2*		*103*	*39.3-151*				
Surrogate: Terphenyl-d14	*43.1*		*"*	*51.0*		*84.6*	*30.7-106*				
Blank (BB80824-BLK2)											Prepared & Analyzed: 02/20/2018
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 BB80824 - EPA 3510C											
LCS (BB80824-BS1)								Prepared & Analyzed: 02/20/2018			
1,1-Biphenyl	18.4	5.00	ug/L	25.0		73.7	33-95				
1,2,4,5-Tetrachlorobenzene	17.1	5.00	"	25.0		68.4	26-120				
1,2-Diphenylhydrazine (as Azobenzene)	17.7	5.00	"	25.0		70.8	16-141				
2,3,4,6-Tetrachlorophenol	48.3	5.00	"	25.0		193	30-130	High Bias			
2,4,5-Trichlorophenol	19.9	5.00	"	25.0		79.6	32-114				
2,4,6-Trichlorophenol	19.7	5.00	"	25.0		79.0	35-118				
2,4-Dichlorophenol	20.6	5.00	"	25.0		82.4	25-116				
2,4-Dimethylphenol	18.5	5.00	"	25.0		74.1	15-116				
2,4-Dinitrophenol	25.1	5.00	"	25.0		101	10-170				
2,4-Dinitrotoluene	22.9	5.00	"	25.0		91.7	41-128				
2,6-Dinitrotoluene	22.0	5.00	"	25.0		87.9	45-116				
2-Chloronaphthalene	19.1	5.00	"	25.0		76.3	33-112				
2-Chlorophenol	16.7	5.00	"	25.0		67.0	15-120				
2-Methylnaphthalene	23.8	5.00	"	25.0		95.3	24-118				
2-Methylphenol	13.4	5.00	"	25.0		53.7	10-110				
2-Nitroaniline	18.6	5.00	"	25.0		74.4	34-129				
2-Nitrophenol	18.0	5.00	"	25.0		72.0	28-118				
3- & 4-Methylphenols	11.7	5.00	"	25.0		47.0	10-107				
3,3-Dichlorobenzidine	28.2	5.00	"	25.0		113	15-187				
3-Nitroaniline	19.0	5.00	"	25.0		76.0	24-134				
4,6-Dinitro-2-methylphenol	22.4	5.00	"	25.0		89.8	10-153				
4-Bromophenyl phenyl ether	22.0	5.00	"	25.0		88.2	34-120				
4-Chloro-3-methylphenol	20.0	5.00	"	25.0		80.0	20-120				
4-Chloroaniline	15.0	5.00	"	25.0		60.1	10-147				
4-Chlorophenyl phenyl ether	21.6	5.00	"	25.0		86.5	27-121				
4-Nitroaniline	16.4	5.00	"	25.0		65.5	13-134				
4-Nitrophenol	7.23	5.00	"	25.0		28.9	10-131				
Acetophenone	19.1	5.00	"	25.0		76.3	25-110				
Aniline	8.78	5.00	"	25.0		35.1	10-117				
Benzaldehyde	17.6	5.00	"	25.0		70.4	29-117				
Benzoic acid	ND	50.0	"	29.0			30-130	Low Bias			
Benzyl alcohol	11.9	5.00	"	25.0		47.8	10-117				
Benzyl butyl phthalate	22.8	5.00	"	25.0		91.2	29-133				
Bis(2-chloroethoxy)methane	19.8	5.00	"	25.0		79.3	10-154				
Bis(2-chloroethyl)ether	17.5	5.00	"	25.0		69.9	17-125				
Bis(2-chloroisopropyl)ether	17.2	5.00	"	25.0		68.8	10-139				
Caprolactam	3.65	5.00	"	25.0		14.6	10-137				
Carbazole	23.6	5.00	"	25.0		94.4	42-126				
Dibenzofuran	20.8	5.00	"	25.0		83.1	36-113				
Diethyl phthalate	22.2	5.00	"	25.0		89.0	38-115				
Dimethyl phthalate	21.1	5.00	"	25.0		84.6	38-129				
Di-n-butyl phthalate	21.7	5.00	"	25.0		86.7	31-120				
Di-n-octyl phthalate	21.9	5.00	"	25.0		87.7	21-149				
Diphenylamine	23.9	5.00	"	25.0		95.6	40-140				
Hexachlorocyclopentadiene	17.7	10.0	"	25.0		70.8	10-130				
Isophorone	18.6	5.00	"	25.0		74.2	25-127				
N-nitroso-di-n-propylamine	18.1	5.00	"	25.0		72.4	26-122				
N-Nitrosodiphenylamine	23.8	5.00	"	25.0		95.4	23-149				
Phenol	5.86	5.00	"	25.0		23.4	10-110				
Pyridine	4.86	5.00	"	25.0		19.4	10-90				
Surrogate: 2-Fluorophenol	*26.4*		*"*	*77.4*		*34.0*	*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 BB80824 - EPA 3510C											
LCS (BB80824-BS1)								Prepared & Analyzed: 02/20/2018			
Surrogate: Phenol-d5	*15.8*		*ug/L*	*73.8*		*21.4*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*34.0*		*"*	*51.6*		*65.9*	*50.2-113*				
Surrogate: 2-Fluorobiphenyl	*35.2*		*"*	*50.2*		*70.1*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*70.7*		*"*	*77.2*		*91.6*	*39.3-151*				
Surrogate: Terphenyl-d14	*34.2*		*"*	*51.0*		*67.0*	*30.7-106*				
LCS (BB80824-BS2)								Prepared & Analyzed: 02/20/2018			
Acenaphthene	0.700	0.0500	ug/L	1.00		70.0	25-116				
Acenaphthylene	0.720	0.0500	"	1.00		72.0	26-116				
Anthracene	0.850	0.0500	"	1.00		85.0	25-123				
Benzo(a)anthracene	0.890	0.0500	"	1.00		89.0	33-125				
Benzo(a)pyrene	1.04	0.0500	"	1.00		104	32-132				
Benzo(b)fluoranthene	0.830	0.0500	"	1.00		83.0	22-137				
Benzo(g,h,i)perylene	1.01	0.0500	"	1.00		101	10-138				
Benzo(k)fluoranthene	0.980	0.0500	"	1.00		98.0	20-137				
Bis(2-ethylhexyl)phthalate	0.890	0.500	"	1.00		89.0	10-189				
Chrysene	0.870	0.0500	"	1.00		87.0	32-124				
Dibenzo(a,h)anthracene	0.980	0.0500	"	1.00		98.0	16-133				
Fluoranthene	0.890	0.0500	"	1.00		89.0	32-121				
Fluorene	0.730	0.0500	"	1.00		73.0	28-118				
Hexachlorobenzene	1.01	0.0200	"	1.00		101	23-124				
Hexachlorobutadiene	0.660	0.500	"	1.00		66.0	15-123				
Hexachloroethane	0.580	0.500	"	1.00		58.0	18-115				
Indeno(1,2,3-cd)pyrene	0.970	0.0500	"	1.00		97.0	15-135				
Naphthalene	0.800	0.0500	"	1.00		80.0	18-120				
Nitrobenzene	1.09	0.250	"	1.00		109	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.470	0.250	"	1.00		47.0	10-156				
Phenanthrene	0.760	0.0500	"	1.00		76.0	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 BB80824 - EPA 3510C											
Matrix Spike (BB80824-MS1)	*Source sample: 18B0626-03 (MW101A_021518)							Prepared & Analyzed: 02/20/2018			
1,1-Biphenyl	12.7	3.85	ug/L	19.2	ND	66.3	26-79				
1,2,4,5-Tetrachlorobenzene	11.6	3.85	"	19.2	ND	60.2	33-90				
1,2-Diphenylhydrazine (as Azobenzene)	11.8	3.85	"	19.2	ND	61.4	21-107				
2,3,4,6-Tetrachlorophenol	34.5	3.85	"	19.2	ND	179	30-130	High Bias			
2,4,5-Trichlorophenol	13.5	3.85	"	19.2	ND	70.2	43-96				
2,4,6-Trichlorophenol	13.6	3.85	"	19.2	ND	70.9	46-94				
2,4-Dichlorophenol	13.9	3.85	"	19.2	ND	72.2	26-101				
2,4-Dimethylphenol	11.8	3.85	"	19.2	ND	61.5	10-104				
2,4-Dinitrophenol	18.7	3.85	"	19.2	ND	97.4	10-146				
2,4-Dinitrotoluene	16.2	3.85	"	19.2	ND	84.1	30-108				
2,6-Dinitrotoluene	15.3	3.85	"	19.2	ND	79.5	38-98				
2-Chloronaphthalene	13.1	3.85	"	19.2	ND	68.0	30-89				
2-Chlorophenol	10.8	3.85	"	19.2	ND	56.4	24-98				
2-Methylnaphthalene	15.2	3.85	"	19.2	ND	79.2	10-112				
2-Methylphenol	8.23	3.85	"	19.2	ND	42.8	10-134				
2-Nitroaniline	12.2	3.85	"	19.2	ND	63.4	25-110				
2-Nitrophenol	12.3	3.85	"	19.2	ND	63.8	10-139				
3- & 4-Methylphenols	6.79	3.85	"	19.2	ND	35.3	10-91				
3,3-Dichlorobenzidine	2.38	3.85	"	19.2	ND	12.4	10-140				
3-Nitroaniline	6.96	3.85	"	19.2	ND	36.2	22-111				
4,6-Dinitro-2-methylphenol	16.3	3.85	"	19.2	ND	84.9	10-140				
4-Bromophenyl phenyl ether	15.3	3.85	"	19.2	ND	79.5	30-108				
4-Chloro-3-methylphenol	13.0	3.85	"	19.2	ND	67.5	11-109				
4-Chloroaniline	7.22	3.85	"	19.2	ND	37.5	10-116				
4-Chlorophenyl phenyl ether	14.8	3.85	"	19.2	ND	77.2	39-85				
4-Nitroaniline	8.80	3.85	"	19.2	ND	45.8	11-132				
4-Nitrophenol	ND	3.85	"	19.2	ND		10-82	Low Bias			
Acetophenone	12.9	3.85	"	19.2	ND	66.9	14-102				
Aniline	3.94	3.85	"	19.2	ND	20.5	10-80				
Benzaldehyde	12.6	3.85	"	19.2	ND	65.4	13-87				
Benzoic acid	ND	38.5	"	22.3	ND		10-162	Low Bias			
Benzyl alcohol	6.92	3.85	"	19.2	ND	36.0	10-102				
Benzyl butyl phthalate	15.6	3.85	"	19.2	ND	81.0	10-133				
Bis(2-chloroethoxy)methane	13.1	3.85	"	19.2	ND	68.0	18-105				
Bis(2-chloroethyl)ether	12.0	3.85	"	19.2	ND	62.4	10-108				
Bis(2-chloroisopropyl)ether	11.6	3.85	"	19.2	ND	60.4	13-116				
Caprolactam	ND	3.85	"	19.2	ND		10-75	Low Bias			
Carbazole	18.4	3.85	"	19.2	ND	95.7	36-108				
Dibenzofuran	14.2	3.85	"	19.2	ND	73.8	34-92				
Diethyl phthalate	15.6	3.85	"	19.2	ND	81.1	33-98				
Dimethyl phthalate	14.6	3.85	"	19.2	ND	76.1	18-116				
Di-n-butyl phthalate	14.8	3.85	"	19.2	ND	76.9	25-97				
Di-n-octyl phthalate	15.4	3.85	"	19.2	ND	80.0	10-137				
Diphenylamine	16.5	3.85	"	19.2	ND	85.6	40-140				
Hexachlorocyclopentadiene	12.2	7.69	"	19.2	ND	63.2	10-79				
Isophorone	12.5	3.85	"	19.2	ND	64.9	25-103				
N-nitroso-di-n-propylamine	12.5	3.85	"	19.2	ND	64.9	19-115				
N-Nitrosodiphenylamine	16.2	3.85	"	19.2	ND	84.4	31-112				
Phenol	2.98	3.85	"	19.2	ND	15.5	10-61				
Pyridine	2.38	3.85	"	19.2	ND	12.4	10-78				
Surrogate: 2-Fluorophenol	*14.6*		*"*	*59.5*		*24.6*	*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 BB80824 - EPA 3510C											
Matrix Spike (BB80824-MS1)	*Source sample: 18B0626-03 (MW101A_021518)							Prepared & Analyzed: 02/20/2018			
Surrogate: Phenol-d5	*7.95*		*ug/L*	*56.8*		*14.0*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*22.9*		*"*	*39.7*		*57.7*	*50.2-113*				
Surrogate: 2-Fluorobiphenyl	*23.4*		*"*	*38.6*		*60.6*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*47.3*		*"*	*59.4*		*79.6*	*39.3-151*				
Surrogate: Terphenyl-d14	*20.4*		*"*	*39.2*		*52.0*	*30.7-106*				
Matrix Spike Dup (BB80824-MSD1)	*Source sample: 18B0626-03 (MW101A_021518)							Prepared & Analyzed: 02/20/2018			
1,1-Biphenyl	11.5	3.85	ug/L	19.2	ND	60.0	26-79		9.95	25	
1,2,4,5-Tetrachlorobenzene	10.2	3.85	"	19.2	ND	52.8	33-90		13.0	25	
1,2-Diphenylhydrazine (as Azobenzene)	11.0	3.85	"	19.2	ND	57.1	21-107		7.29	25	
2,3,4,6-Tetrachlorophenol	32.7	3.85	"	19.2	ND	170	30-130	High Bias	5.43	25	
2,4,5-Trichlorophenol	13.1	3.85	"	19.2	ND	68.2	43-96		3.01	25	
2,4,6-Trichlorophenol	12.6	3.85	"	19.2	ND	65.3	46-94		8.16	25	
2,4-Dichlorophenol	13.3	3.85	"	19.2	ND	69.1	26-101		4.36	25	
2,4-Dimethylphenol	10.8	3.85	"	19.2	ND	56.0	10-104		9.32	25	
2,4-Dinitrophenol	18.2	3.85	"	19.2	ND	94.7	10-146		2.83	25	
2,4-Dinitrotoluene	15.3	3.85	"	19.2	ND	79.6	30-108		5.52	25	
2,6-Dinitrotoluene	14.1	3.85	"	19.2	ND	73.5	38-98		7.85	25	
2-Chloronaphthalene	11.4	3.85	"	19.2	ND	59.1	30-89		14.0	25	
2-Chlorophenol	10.1	3.85	"	19.2	ND	52.5	24-98		7.20	25	
2-Methylnaphthalene	12.9	3.85	"	19.2	ND	67.0	10-112		16.7	25	
2-Methylphenol	7.63	3.85	"	19.2	ND	39.7	10-134		7.57	25	
2-Nitroaniline	11.5	3.85	"	19.2	ND	60.0	25-110		5.51	25	
2-Nitrophenol	11.5	3.85	"	19.2	ND	59.8	10-139		6.47	25	
3- & 4-Methylphenols	6.27	3.85	"	19.2	ND	32.6	10-91		8.01	25	
3,3-Dichlorobenzidine	2.11	3.85	"	19.2	ND	11.0	10-140		12.0	25	
3-Nitroaniline	6.64	3.85	"	19.2	ND	34.5	22-111		4.75	25	
4,6-Dinitro-2-methylphenol	16.1	3.85	"	19.2	ND	83.7	10-140		1.47	25	
4-Bromophenyl phenyl ether	14.2	3.85	"	19.2	ND	73.8	30-108		7.46	25	
4-Chloro-3-methylphenol	12.5	3.85	"	19.2	ND	65.0	11-109		3.74	25	
4-Chloroaniline	6.99	3.85	"	19.2	ND	36.4	10-116		3.14	25	
4-Chlorophenyl phenyl ether	13.6	3.85	"	19.2	ND	70.5	39-85		9.10	25	
4-Nitroaniline	8.43	3.85	"	19.2	ND	43.8	11-132		4.29	25	
4-Nitrophenol	5.17	3.85	"	19.2	ND	26.9	10-82			25	
Acetophenone	11.7	3.85	"	19.2	ND	60.6	14-102		9.85	25	
Aniline	3.55	3.85	"	19.2	ND	18.5	10-80		10.3	25	
Benzaldehyde	11.0	3.85	"	19.2	ND	57.4	13-87		13.2	25	
Benzoic acid	ND	38.5	"	22.3	ND		10-162	Low Bias		25	
Benzyl alcohol	6.38	3.85	"	19.2	ND	33.2	10-102		7.98	25	
Benzyl butyl phthalate	15.7	3.85	"	19.2	ND	81.9	10-133		1.13	25	
Bis(2-chloroethoxy)methane	12.4	3.85	"	19.2	ND	64.3	18-105		5.68	25	
Bis(2-chloroethyl)ether	10.5	3.85	"	19.2	ND	54.7	10-108		13.3	25	
Bis(2-chloroisopropyl)ether	10.4	3.85	"	19.2	ND	54.3	13-116		10.7	25	
Caprolactam	ND	3.85	"	19.2	ND		10-75	Low Bias		25	
Carbazole	18.7	3.85	"	19.2	ND	97.4	36-108		1.82	25	
Dibenzofuran	12.8	3.85	"	19.2	ND	66.7	34-92		10.1	25	
Diethyl phthalate	15.0	3.85	"	19.2	ND	77.9	33-98		4.08	25	
Dimethyl phthalate	13.9	3.85	"	19.2	ND	72.3	18-116		5.12	25	
Di-n-butyl phthalate	14.6	3.85	"	19.2	ND	75.9	25-97		1.26	25	
Di-n-octyl phthalate	15.6	3.85	"	19.2	ND	81.3	10-137		1.59	25	
Diphenylamine	15.2	3.85	"	19.2	ND	78.9	40-140		8.22	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 BB80824 - EPA 3510C											
Matrix Spike Dup (BB80824-MSD1)	*Source sample: 18B0626-03 (MW101A_021518)							Prepared & Analyzed: 02/20/2018			
Hexachlorocyclopentadiene	10.9	7.69	ug/L	19.2	ND	56.5	10-79		11.2	25	
Isophorone	11.6	3.85	"	19.2	ND	60.5	25-103		6.95	25	
N-nitroso-di-n-propylamine	10.5	3.85	"	19.2	ND	54.8	19-115		16.8	25	
N-Nitrosodiphenylamine	14.7	3.85	"	19.2	ND	76.6	31-112		9.64	25	
Phenol	2.72	3.85	"	19.2	ND	14.1	10-61		9.45	25	
Pyridine	2.28	3.85	"	19.2	ND	11.9	10-78		3.96	25	
Surrogate: 2-Fluorophenol	*13.0*		*"*	*59.5*		*21.8*	*19.7-63.1*				
Surrogate: Phenol-d5	*7.21*		*"*	*56.8*		*12.7*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*21.0*		*"*	*39.7*		*53.0*	*50.2-113*				
Surrogate: 2-Fluorobiphenyl	*21.2*		*"*	*38.6*		*54.9*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*46.1*		*"*	*59.4*		*77.7*	*39.3-151*				
Surrogate: Terphenyl-d14	*20.6*		*"*	*39.2*		*52.6*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS TIC - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80824 - EPA 3510C											
Blank (BB80824-BLK1)											Prepared & Analyzed: 02/20/2018
Tentatively Identified Compounds	0.00		ug/L								

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 BB80757 - EPA SW846-3510C Low Level											
Blank (BB80757-BLK1)									Prepared: 02/19/2018 Analyzed: 02/20/2018		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
Chlordane, total	ND	0.0200	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Surrogate: Decachlorobiphenyl	*0.187*		*"*	*0.209*		*89.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.118*		*"*	*0.202*		*58.2*	*30-150*				
LCS (BB80757-BS1)									Prepared: 02/19/2018 Analyzed: 02/20/2018		
4,4'-DDD	0.0865	0.00400	ug/L	0.100		86.5	40-140				
4,4'-DDE	0.0743	0.00400	"	0.100		74.3	40-140				
4,4'-DDT	0.0837	0.00400	"	0.100		83.7	40-140				
Aldrin	0.0580	0.00400	"	0.100		58.0	40-140				
alpha-BHC	0.0617	0.00400	"	0.100		61.7	40-140				
alpha-Chlordane	0.0628	0.00400	"	0.100		62.8	40-140				
beta-BHC	0.0713	0.00400	"	0.100		71.3	40-140				
delta-BHC	0.0532	0.00400	"	0.100		53.2	40-140				
Dieldrin	0.0690	0.00200	"	0.100		69.0	40-140				
Endosulfan I	0.0682	0.00400	"	0.100		68.2	40-140				
Endosulfan II	0.0776	0.00400	"	0.100		77.6	40-140				
Endosulfan sulfate	0.0815	0.00400	"	0.100		81.5	40-140				
Endrin	0.0738	0.00400	"	0.100		73.8	40-140				
Endrin aldehyde	0.0850	0.0100	"	0.100		85.0	40-140				
Endrin ketone	0.0899	0.0100	"	0.100		89.9	40-140				
gamma-BHC (Lindane)	0.0607	0.00400	"	0.100		60.7	40-140				
gamma-Chlordane	0.0634	0.0100	"	0.100		63.4	40-140				
Heptachlor	0.0585	0.00400	"	0.100		58.5	40-140				
Heptachlor epoxide	0.0638	0.00400	"	0.100		63.8	40-140				
Methoxychlor	0.0924	0.00400	"	0.100		92.4	40-140				
Surrogate: Decachlorobiphenyl	*0.152*		*"*	*0.209*		*72.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0962*		*"*	*0.202*		*47.6*	*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 BB80757 - EPA SW846-3510C Low Level											
Matrix Spike (BB80757-MS1)	*Source sample: 18B0626-03 (MW101A_021518)							Prepared: 02/19/2018 Analyzed: 02/22/2018			
4,4'-DDD	0.0950	0.00485	ug/L	0.121	ND	78.3	30-150				
4,4'-DDE	0.0873	0.00485	"	0.121	ND	72.0	30-150				
4,4'-DDT	0.0876	0.00485	"	0.121	ND	72.3	30-150				
Aldrin	0.0694	0.00485	"	0.121	ND	57.2	30-150				
alpha-BHC	0.0758	0.00485	"	0.121	ND	62.5	30-150				
alpha-Chlordane	0.0756	0.00485	"	0.121	ND	62.4	30-150				
beta-BHC	0.0885	0.00485	"	0.121	ND	73.1	30-150				
delta-BHC	0.0673	0.00485	"	0.121	ND	55.6	30-150				
Dieldrin	0.0858	0.00242	"	0.121	ND	70.8	30-150				
Endosulfan I	0.0854	0.00485	"	0.121	ND	70.4	30-150				
Endosulfan II	0.0881	0.00485	"	0.121	ND	72.6	30-150				
Endosulfan sulfate	0.0921	0.00485	"	0.121	ND	76.0	30-150				
Endrin	0.111	0.00485	"	0.121	ND	91.6	30-150				
Endrin aldehyde	0.0898	0.0121	"	0.121	ND	74.1	30-150				
Endrin ketone	0.0957	0.0121	"	0.121	ND	78.9	30-150				
gamma-BHC (Lindane)	0.0762	0.00485	"	0.121	ND	62.8	30-150				
gamma-Chlordane	0.0777	0.0121	"	0.121	ND	64.1	30-150				
Heptachlor	0.0700	0.00485	"	0.121	ND	57.8	30-150				
Heptachlor epoxide	0.0801	0.00485	"	0.121	ND	66.0	30-150				
Methoxychlor	0.100	0.00485	"	0.121	ND	82.8	30-150				
Surrogate: Decachlorobiphenyl	*0.149*		*"*	*0.253*		*58.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.136*		*"*	*0.245*		*55.7*	*30-150*				
Matrix Spike Dup (BB80757-MSD1)	*Source sample: 18B0626-03 (MW101A_021518)							Prepared: 02/19/2018 Analyzed: 02/22/2018			
4,4'-DDD	0.0919	0.00471	ug/L	0.118	ND	78.1	30-150		3.31	20	
4,4'-DDE	0.0916	0.00471	"	0.118	ND	77.8	30-150		4.81	20	
4,4'-DDT	0.0967	0.00471	"	0.118	ND	82.2	30-150		9.85	20	
Aldrin	0.0706	0.00471	"	0.118	ND	60.0	30-150		1.72	20	
alpha-BHC	0.0788	0.00471	"	0.118	ND	67.0	30-150		3.85	20	
alpha-Chlordane	0.0772	0.00471	"	0.118	ND	65.6	30-150		2.09	20	
beta-BHC	0.0895	0.00471	"	0.118	ND	76.1	30-150		1.12	20	
delta-BHC	0.0690	0.00471	"	0.118	ND	58.6	30-150		2.38	20	
Dieldrin	0.0884	0.00235	"	0.118	ND	75.2	30-150		2.98	20	
Endosulfan I	0.0884	0.00471	"	0.118	ND	75.2	30-150		3.50	20	
Endosulfan II	0.0940	0.00471	"	0.118	ND	79.9	30-150		6.53	20	
Endosulfan sulfate	0.0986	0.00471	"	0.118	ND	83.8	30-150		6.75	20	
Endrin	0.117	0.00471	"	0.118	ND	99.8	30-150		5.56	20	
Endrin aldehyde	0.0927	0.0118	"	0.118	ND	78.8	30-150		3.14	20	
Endrin ketone	0.105	0.0118	"	0.118	ND	89.0	30-150		9.04	20	
gamma-BHC (Lindane)	0.0773	0.00471	"	0.118	ND	65.7	30-150		1.46	20	
gamma-Chlordane	0.0799	0.0118	"	0.118	ND	67.9	30-150		2.79	20	
Heptachlor	0.0710	0.00471	"	0.118	ND	60.4	30-150		1.47	20	
Heptachlor epoxide	0.0826	0.00471	"	0.118	ND	70.2	30-150		3.15	20	
Methoxychlor	0.113	0.00471	"	0.118	ND	96.4	30-150		12.2	20	
Surrogate: Decachlorobiphenyl	*0.151*		*"*	*0.246*		*61.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.134*		*"*	*0.238*		*56.4*	*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 Y7K2801 - BK71080											
Performance Mix (Y7K2801-PEM1)								Prepared & Analyzed: 11/27/2017			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.145		"	0.00			0-200				
4,4'-DDT	124		"	200		61.8	0-200				
Endrin	78.5		"	100		78.5	0-200				
Endrin aldehyde	1.34		"	0.00			0-200				
Endrin ketone	3.33		"	0.00			0-200				
Batch Y8B2101 - BB80761											
Performance Mix (Y8B2101-PEM1)								Prepared & Analyzed: 02/20/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.602		"	0.00			0-200				
4,4'-DDT	164		"	200		81.9	0-200				
Endrin	109		"	100		109	0-200				
Endrin aldehyde	1.66		"	0.00			0-200				
Endrin ketone	5.44		"	0.00			0-200				
Performance Mix (Y8B2101-PEM2)								Prepared & Analyzed: 02/20/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.498		"	0.00			0-200				
4,4'-DDT	178		"	200		89.1	0-200				
Endrin	106		"	100		106	0-200				
Endrin aldehyde	1.42		"	0.00			0-200				
Endrin ketone	4.85		"	0.00			0-200				
Batch Y8B2303 - BB80761											
Performance Mix (Y8B2303-PEM1)								Prepared & Analyzed: 02/22/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.484		"	0.00			0-200				
4,4'-DDT	145		"	200		72.6	0-200				
Endrin	107		"	100		107	0-200				
Endrin aldehyde	0.400		"	0.00			0-200				
Endrin ketone	4.26		"	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 Y8B2303 - BB80761											
Performance Mix (Y8B2303-PEM2)							Prepared & Analyzed: 02/22/2018				
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.526		"	0.00			0-200				
4,4'-DDT	184		"	200		92.1	0-200				
Endrin	130		"	100		130	0-200				
Endrin aldehyde	0.770		"	0.00			0-200				
Endrin ketone	5.53		"	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 BB80757 - EPA SW846-3510C Low Level											
Blank (BB80757-BLK2)									Prepared: 02/19/2018 Analyzed: 02/20/2018		
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	*0.104*		*"*	*0.202*		*51.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.235*		*"*	*0.209*		*112*	*30-120*				
LCS (BB80757-BS2)									Prepared: 02/19/2018 Analyzed: 02/20/2018		
Aroclor 1016	0.868	0.0500	ug/L	1.00		86.8	40-120				
Aroclor 1260	1.11	0.0500	"	1.00		111	40-120				
Surrogate: Tetrachloro-m-xylene	*0.131*		*"*	*0.202*		*64.9*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.214*		*"*	*0.209*		*102*	*30-120*				
LCS Dup (BB80757-BSD2)									Prepared: 02/19/2018 Analyzed: 02/20/2018		
Aroclor 1016	0.901	0.0500	ug/L	1.00		90.1	40-120		3.71	30	
Aroclor 1260	1.12	0.0500	"	1.00		112	40-120		1.67	30	
Surrogate: Tetrachloro-m-xylene	*0.132*		*"*	*0.202*		*65.3*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.216*		*"*	*0.209*		*103*	*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 BB80901 - EPA 3535A											
Blank (BB80901-BLK1)								Prepared & Analyzed: 02/21/2018			
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)	*149*		*"*	*125*		*119*	*30-150*				
LCS (BB80901-BS1)								Prepared & Analyzed: 02/21/2018			
2,4,5-T	43.0	5.00	ug/L	40.0		108	40-140				
2,4,5-TP (Silvex)	43.2	5.00	"	40.0		108	40-140				
2,4-D	48.5	5.00	"	40.0		121	40-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*142*		*"*	*125*		*114*	*30-150*				
Matrix Spike (BB80901-MS1)	*Source sample: 18B0626-03 (MW101A_021518)							Prepared & Analyzed: 02/21/2018			
2,4,5-T	33.2	5.00	ug/L	40.0	ND	83.1	30-150				
2,4,5-TP (Silvex)	36.5	5.00	"	40.0	ND	91.2	30-150				
2,4-D	32.8	5.00	"	40.0	ND	81.9	30-150				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*139*		*"*	*125*		*111*	*30-150*				
Matrix Spike Dup (BB80901-MSD1)	*Source sample: 18B0626-03 (MW101A_021518)							Prepared & Analyzed: 02/21/2018			
2,4,5-T	32.0	5.00	ug/L	40.0	ND	80.0	30-150		3.83	30	
2,4,5-TP (Silvex)	35.2	5.00	"	40.0	ND	88.1	30-150		3.48	30	
2,4-D	31.5	5.00	"	40.0	ND	78.8	30-150		3.89	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 BB80768 - EPA 3015A											
Blank (BB80768-BLK1)										Prepared: 02/19/2018 Analyzed: 02/20/2018	
Aluminum - Dissolved	ND	0.0556	mg/L								
Barium - Dissolved	ND	0.0111	"								
Calcium - Dissolved	ND	0.0556	"								
Chromium - Dissolved	ND	0.00556	"								
Copper - Dissolved	ND	0.0444	"								
Iron - Dissolved	ND	0.0222	"								
Lead - Dissolved	ND	0.0222	"								
Magnesium - Dissolved	ND	0.0556	"								
Manganese - Dissolved	ND	0.00556	"								
Nickel - Dissolved	ND	0.00556	"								
Potassium - Dissolved	ND	2.44	"								
Silver - Dissolved	ND	0.00556	"								
Sodium - Dissolved	ND	0.111	"								
Vanadium - Dissolved	ND	0.0111	"								
Zinc - Dissolved	0.0360	0.0278	"								
Duplicate (BB80768-DUP1)	*Source sample: 18B0626-03 (MW101A_021518)									Prepared: 02/19/2018 Analyzed: 02/21/2018	
Aluminum - Dissolved	0.110	0.0556	mg/L		ND					20	
Barium - Dissolved	0.0397	0.0111	"		0.0400				0.748	20	
Calcium - Dissolved	22.1	0.0556	"		22.4				1.55	20	
Chromium - Dissolved	ND	0.00556	"		ND					20	
Copper - Dissolved	ND	0.00556	"		0.00543					20	
Iron - Dissolved	0.104	0.0222	"		0.0918				12.8	20	
Lead - Dissolved	0.00878	0.00556	"		0.00868				1.09	20	
Magnesium - Dissolved	7.25	0.0556	"		7.63				5.18	20	
Manganese - Dissolved	0.0627	0.00556	"		0.0623				0.545	20	
Nickel - Dissolved	ND	0.00556	"		ND					20	
Potassium - Dissolved	7.31	0.0556	"		6.67				9.05	20	
Silver - Dissolved	ND	0.00556	"		ND					20	
Sodium - Dissolved	ND	0.111	"		ND					20	
Vanadium - Dissolved	ND	0.0111	"		ND					20	
Zinc - Dissolved	ND	0.0167	"		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 BB80768 - EPA 3015A											
Matrix Spike (BB80768-MS1)	*Source sample: 18B0626-03 (MW101A_021518)							Prepared: 02/19/2018 Analyzed: 02/21/2018			
Barium - Dissolved	0.0913	0.0111	mg/L	2.22	0.0400	2.31	75-125	Low Bias			
Chromium - Dissolved	0.0534	0.00556	"	0.222	ND	24.0	75-125	Low Bias			
Copper - Dissolved	0.0650	0.00556	"	0.278	0.00543	21.4	75-125	Low Bias			
Iron - Dissolved	2.40	0.0222	"	1.11	0.0918	208	75-125	High Bias			
Lead - Dissolved	0.0555	0.00556	"	0.556	0.00868	8.43	75-125	Low Bias			
Manganese - Dissolved	0.113	0.00556	"	0.556	0.0623	9.09	75-125	Low Bias			
Nickel - Dissolved	0.0555	0.00556	"	0.556	ND	9.99	75-125	Low Bias			
Silver - Dissolved	0.0491	0.00556	"	0.0556	ND	88.4	75-125				
Vanadium - Dissolved	0.0523	0.0111	"	0.556	ND	9.42	75-125	Low Bias			
Zinc - Dissolved	0.0582	0.0167	"	0.556	ND	10.5	75-125	Low Bias			
Reference (BB80768-SRM1)								Prepared: 02/19/2018 Analyzed: 02/20/2018			
Aluminum - Dissolved	0.929		ug/mL	0.720		129	81.4-117.2	High Bias			
Barium - Dissolved	0.496		"	0.500		99.2	85-115				
Calcium - Dissolved	30.0		"	33.0		90.8	86.5-114.3				
Chromium - Dissolved	0.867		"	0.860		101	85-115				
Copper - Dissolved	0.370		"	0.320		116	85-115	High Bias			
Iron - Dissolved	1.44		"	1.40		103	84.9-115				
Lead - Dissolved	0.675		"	0.640		105	85-115				
Magnesium - Dissolved	74.7		"	80.1		93.3	86.3-114.8				
Manganese - Dissolved	1.06		"	1.02		104	84.9-115				
Nickel - Dissolved	1.85		"	1.78		104	87-113.7				
Potassium - Dissolved	10.5		"	10.3		101	84.9-115				
Silver - Dissolved	0.613		"	0.600		102	85-115				
Sodium - Dissolved	0.00		"	22.7			85-115	Low Bias			
Vanadium - Dissolved	1.63		"	1.66		98.2	85-114.9				
Zinc - Dissolved	1.56		"	1.62		96.2	84.9-115				

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 BB80835 - EPA 3015A											
Blank (BB80835-BLK1)											Prepared: 02/20/2018 Analyzed: 02/21/2018
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0111	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Copper	ND	0.0444	"								
Iron	ND	0.0278	"								
Lead	ND	0.0278	"								
Magnesium	ND	0.167	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.00556	"								
Potassium	ND	3.33	"								
Silver	ND	0.00556	"								
Sodium	ND	0.111	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0167	"								
Duplicate (BB80835-DUP1)	*Source sample: 18B0626-03 (MW101A_021518)										Prepared: 02/20/2018 Analyzed: 02/21/2018
Aluminum	0.753	0.0556	mg/L		0.819				8.44	20	
Barium	0.0750	0.0111	"		0.0735				1.95	20	
Calcium	31.2	0.0556	"		30.8				1.21	20	
Chromium	0.0190	0.00556	"		0.0191				0.291	20	
Copper	0.0252	0.00556	"		0.0273				8.04	20	
Iron	3.82	0.0222	"		3.64				4.85	20	
Lead	0.0181	0.00556	"		0.0194				6.87	20	
Magnesium	10.3	0.0556	"		10.0				2.73	20	
Manganese	0.222	0.00556	"		0.220				0.779	20	
Nickel	0.00823	0.00556	"		0.00967				16.0	20	
Potassium	9.04	0.0556	"		8.91				1.47	20	
Silver	ND	0.00556	"		ND					20	
Sodium	ND	0.111	"		ND					20	
Vanadium	ND	0.0111	"		ND					20	
Zinc	0.0292	0.0167	"		0.0316				7.86	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 BB80835 - EPA 3015A											
Matrix Spike (BB80835-MS1)	*Source sample: 18B0626-03 (MW101A_021518)							Prepared: 02/20/2018 Analyzed: 02/21/2018			
Barium	2.34	0.0111	mg/L	2.22	0.0735	102	75-125				
Chromium	0.253	0.00556	"	0.222	0.0191	105	75-125				
Copper	0.395	0.00556	"	0.278	0.0273	132	75-125	High Bias			
Iron	4.85	0.0222	"	1.11	3.64	109	75-125				
Lead	0.589	0.00556	"	0.556	0.0194	103	75-125				
Manganese	0.793	0.00556	"	0.556	0.220	103	75-125				
Nickel	0.631	0.00556	"	0.556	0.00967	112	75-125				
Silver	0.0503	0.00556	"	0.0556	ND	90.5	75-125				
Vanadium	0.580	0.0111	"	0.556	ND	104	75-125				
Zinc	0.634	0.0167	"	0.556	0.0316	109	75-125				
Reference (BB80835-SRM1)								Prepared: 02/20/2018 Analyzed: 02/21/2018			
Aluminum	0.926		ug/mL	0.720		129	81.4-117.2	High Bias			
Barium	0.502		"	0.500		100	85-115				
Calcium	30.5		"	33.0		92.4	86.5-114.3				
Chromium	0.864		"	0.860		100	85-115				
Copper	0.368		"	0.320		115	85-115				
Iron	1.46		"	1.40		104	84.9-115				
Lead	0.674		"	0.640		105	85-115				
Magnesium	81.2		"	80.1		101	86.3-114.8				
Manganese	1.06		"	1.02		104	84.9-115				
Nickel	1.84		"	1.78		103	87-113.7				
Potassium	12.5		"	10.3		121	84.9-115	High Bias			
Silver	0.632		"	0.600		105	85-115				
Sodium	0.00		"	22.7			85-115	Low Bias			
Vanadium	1.63		"	1.66		98.1	85-114.9				
Zinc	1.53		"	1.62		94.5	84.9-115				

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 BD80029 - EPA 3015A											
Blank (BD80029-BLK1)											Prepared & Analyzed: 04/02/2018
Aluminum - Dissolved	ND	0.0556	mg/L								
Barium - Dissolved	ND	0.0111	"								
Calcium - Dissolved	ND	0.0556	"								
Chromium - Dissolved	ND	0.00556	"								
Copper - Dissolved	ND	0.00556	"								
Iron - Dissolved	ND	0.0222	"								
Lead - Dissolved	ND	0.00556	"								
Magnesium - Dissolved	ND	0.0556	"								
Manganese - Dissolved	ND	0.00556	"								
Nickel - Dissolved	ND	0.00556	"								
Potassium - Dissolved	ND	0.0556	"								
Silver - Dissolved	ND	0.00556	"								
Sodium - Dissolved	ND	0.111	"								
Vanadium - Dissolved	ND	0.0111	"								
Zinc - Dissolved	ND	0.0167	"								
LCS (BD80029-BS1)											Prepared & Analyzed: 04/02/2018
Aluminum - Dissolved	1.92		ug/mL	2.00		96.1	80-120				
Barium - Dissolved	1.92		"	2.00		96.0	80-120				
Calcium - Dissolved	1.00		"	1.00		100	80-120				
Chromium - Dissolved	0.201		"	0.200		101	80-120				
Copper - Dissolved	0.250		"	0.250		99.8	80-120				
Iron - Dissolved	0.961		"	1.00		96.1	80-120				
Lead - Dissolved	0.472		"	0.500		94.4	80-120				
Magnesium - Dissolved	0.948		"	1.00		94.8	80-120				
Manganese - Dissolved	0.481		"	0.500		96.2	80-120				
Nickel - Dissolved	0.491		"	0.500		98.2	80-120				
Potassium - Dissolved	0.826		"	1.00		82.6	80-120				
Silver - Dissolved	0.0474		"	0.0500		94.8	80-120				
Sodium - Dissolved	1.02		"	1.00		102	80-120				
Vanadium - Dissolved	0.471		"	0.500		94.2	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 BD80029 - EPA 3015A											
Duplicate (BD80029-DUP1)	*Source sample: 18B0626-03RE1 (MW101A_021518)								Prepared & Analyzed: 04/02/2018		
Aluminum - Dissolved	ND	0.0556	mg/L		ND					20	
Barium - Dissolved	0.0394	0.0111	"		0.0394				0.0927	20	
Calcium - Dissolved	25.7	0.0556	"		25.1				2.41	20	
Chromium - Dissolved	ND	0.00556	"		ND					20	
Copper - Dissolved	0.00435	0.00556	"		ND					20	
Iron - Dissolved	ND	0.0222	"		ND					20	
Lead - Dissolved	ND	0.00556	"		ND					20	
Magnesium - Dissolved	8.26	0.0556	"		7.95				3.83	20	
Manganese - Dissolved	0.0631	0.00556	"		0.0620				1.76	20	
Nickel - Dissolved	ND	0.00556	"		ND					20	
Potassium - Dissolved	5.31	0.0556	"		5.34				0.546	20	
Silver - Dissolved	ND	0.00556	"		ND					20	
Sodium - Dissolved	82.3	0.111	"		80.0				2.78	20	
Vanadium - Dissolved	ND	0.0111	"		ND					20	
Zinc - Dissolved	ND	0.0167	"		ND					20	
Matrix Spike (BD80029-MS1)	*Source sample: 18B0626-03RE1 (MW101A_021518)								Prepared & Analyzed: 04/02/2018		
Barium - Dissolved	2.19	0.0111	mg/L	2.22	0.0394	96.7	75-125				
Chromium - Dissolved	0.220	0.00556	"	0.222	ND	99.1	75-125				
Copper - Dissolved	0.293	0.00556	"	0.278	ND	106	75-125				
Iron - Dissolved	1.11	0.0222	"	1.11	ND	100	75-125				
Lead - Dissolved	0.515	0.00556	"	0.556	ND	92.6	75-125				
Manganese - Dissolved	0.603	0.00556	"	0.556	0.0620	97.4	75-125				
Nickel - Dissolved	0.549	0.00556	"	0.556	ND	98.9	75-125				
Silver - Dissolved	0.0523	0.00556	"	0.0556	ND	94.2	75-125				
Vanadium - Dissolved	0.532	0.0111	"	0.556	ND	95.8	75-125				
Zinc - Dissolved	0.546	0.0167	"	0.556	ND	98.3	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 BB80767 - EPA 3015A											
Blank (BB80767-BLK1)											Prepared: 02/19/2018 Analyzed: 02/21/2018
Antimony - Dissolved	ND	0.00111	mg/L								
Arsenic - Dissolved	ND	0.00111	"								
Beryllium - Dissolved	ND	0.00111	"								
Cadmium - Dissolved	ND	0.00111	"								
Selenium - Dissolved	ND	0.00111	"								
Thallium - Dissolved	ND	0.00111	"								
LCS (BB80767-BS1)											Prepared: 02/19/2018 Analyzed: 02/21/2018
Antimony - Dissolved	42.5		ug/L	50.0		85.1	80-120				
Arsenic - Dissolved	37.3		"	50.0		74.6	80-120	Low Bias			
Beryllium - Dissolved	64.5		"	50.0		129	80-120	High Bias			
Cadmium - Dissolved	44.6		"	50.0		89.3	80-120				
Selenium - Dissolved	37.2		"	50.0		74.4	80-120	Low Bias			
Thallium - Dissolved	49.2		"	50.0		98.3	80-120				
Duplicate (BB80767-DUP1)	*Source sample: 18B0626-03 (MW101A_021518)										Prepared: 02/19/2018 Analyzed: 02/21/2018
Antimony - Dissolved	ND	0.00111	mg/L		ND					20	
Arsenic - Dissolved	0.00143	0.00111	"		0.00158				9.94	20	
Beryllium - Dissolved	ND	0.00111	"		ND					20	
Cadmium - Dissolved	ND	0.00111	"		ND					20	
Selenium - Dissolved	0.00124	0.00111	"		0.00121				2.65	20	
Thallium - Dissolved	ND	0.00111	"		ND					20	
Matrix Spike (BB80767-MS1)	*Source sample: 18B0626-03 (MW101A_021518)										Prepared: 02/19/2018 Analyzed: 02/21/2018
Antimony - Dissolved	39.2		ug/L	50.0	0.006	78.5	75-125				
Arsenic - Dissolved	43.6		"	50.0	1.43	84.4	75-125				
Beryllium - Dissolved	43.8		"	50.0	-0.004	87.7	75-125				
Cadmium - Dissolved	39.9		"	50.0	0.027	79.8	75-125				
Selenium - Dissolved	41.2		"	50.0	1.09	80.2	75-125				
Thallium - Dissolved	42.7		"	50.0	0.003	85.3	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 BB80836 - EPA 3015A											
Blank (BB80836-BLK1)								Prepared: 02/20/2018 Analyzed: 02/21/2018			
Antimony	ND	0.00111	mg/L								
Arsenic	ND	0.00111	"								
Beryllium	ND	0.00111	"								
Cadmium	ND	0.00111	"								
Selenium	ND	0.00111	"								
Thallium	ND	0.00111	"								
LCS (BB80836-BS1)								Prepared: 02/20/2018 Analyzed: 02/21/2018			
Antimony	36.7		ug/L	50.0		73.4	80-120	Low Bias			
Arsenic	38.8		"	50.0		77.5	80-120	Low Bias			
Beryllium	53.2		"	50.0		106	80-120				
Cadmium	37.7		"	50.0		75.4	80-120	Low Bias			
Selenium	37.4		"	50.0		74.7	80-120	Low Bias			
Thallium	47.0		"	50.0		93.9	80-120				
Duplicate (BB80836-DUP1)	*Source sample: 18B0626-03 (MW101A_021518)							Prepared: 02/20/2018 Analyzed: 02/21/2018			
Antimony	ND	0.00111	mg/L		ND					20	
Arsenic	0.00202	0.00111	"		0.00199				1.45	20	
Beryllium	ND	0.00111	"		ND					20	
Cadmium	ND	0.00111	"		ND					20	
Selenium	0.00271	0.00111	"		0.00244				10.6	20	
Thallium	ND	0.00111	"		ND					20	
Matrix Spike (BB80836-MS1)	*Source sample: 18B0626-03 (MW101A_021518)							Prepared: 02/20/2018 Analyzed: 02/21/2018			
Antimony	39.3		ug/L	50.0	0.067	78.4	75-125				
Arsenic	41.3		"	50.0	1.79	79.0	75-125				
Beryllium	41.7		"	50.0	0.052	83.3	75-125				
Cadmium	39.5		"	50.0	0.038	79.0	75-125				
Selenium	40.6		"	50.0	2.19	76.9	75-125				
Thallium	42.5		"	50.0	0.045	85.0	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 BB80837 - EPA 7473 water											
Blank (BB80837-BLK1)								Prepared & Analyzed: 02/20/2018			
Mercury - Dissolved	ND	0.0002000	mg/L								
Duplicate (BB80837-DUP1)	*Source sample: 18B0626-03 (MW101A_021518)							Prepared & Analyzed: 02/20/2018			
Mercury - Dissolved	ND	0.0002000	mg/L		ND					20	
Matrix Spike (BB80837-MS1)	*Source sample: 18B0626-03 (MW101A_021518)							Prepared & Analyzed: 02/20/2018			
Mercury - Dissolved	0.001949		mg/L	0.00200	0.0001647	89.2	75-125				
Reference (BB80837-SRM1)								Prepared & Analyzed: 02/20/2018			
Mercury - Dissolved	0.005534		mg/L	0.00740		74.8	70-130				
Batch BB80862 - EPA 7473 water											
Blank (BB80862-BLK1)								Prepared & Analyzed: 02/20/2018			
Mercury	ND	0.00020	mg/L								
Duplicate (BB80862-DUP1)	*Source sample: 18B0626-03 (MW101A_021518)							Prepared & Analyzed: 02/20/2018			
Mercury	ND	0.00020	mg/L		ND					20	
Matrix Spike (BB80862-MS1)	*Source sample: 18B0626-03 (MW101A_021518)							Prepared & Analyzed: 02/20/2018			
Mercury	0.00179		mg/L	0.00200	0.00020	79.6	75-125				
Reference (BB80862-SRM1)								Prepared & Analyzed: 02/20/2018			
Mercury	0.00579		mg/L	0.00740		78.3	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 BB80710 - Analysis Preparation											
Blank (BB80710-BLK1)									Prepared & Analyzed: 02/16/2018		
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BB80710-BS1)									Prepared & Analyzed: 02/16/2018		
Chromium, Hexavalent	0.504	0.0100	mg/L	0.500		101	80-120				
Duplicate (BB80710-DUP1)	*Source sample: 18B0626-03 (MW101A_021518)								Prepared & Analyzed: 02/16/2018		
Chromium, Hexavalent	ND	0.0100	mg/L		ND					20	
Matrix Spike (BB80710-MS1)	*Source sample: 18B0626-03 (MW101A_021518)								Prepared & Analyzed: 02/16/2018		
Chromium, Hexavalent	0.520	0.0100	mg/L	0.500	ND	104	75-125				
Batch BB80924 - Analysis Preparation											
Blank (BB80924-BLK1)									Prepared & Analyzed: 02/21/2018		
Cyanide, total	ND	0.0100	mg/L								
LCS (BB80924-BS1)									Prepared & Analyzed: 02/21/2018		
Cyanide, total	0.161	0.0100	mg/L	0.200		80.4	76.2-107				
Duplicate (BB80924-DUP1)	*Source sample: 18B0626-03 (MW101A_021518)								Prepared & Analyzed: 02/21/2018		
Cyanide, total	ND	0.0100	mg/L		ND					15	
Matrix Spike (BB80924-MS1)	*Source sample: 18B0626-03 (MW101A_021518)								Prepared & Analyzed: 02/21/2018		
Cyanide, total	0.157	0.0100	mg/L	0.200	ND	78.6	79-105	Low Bias			

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18B0626-01	GWFB02_021518	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18B0626-02	GWTB02_021518	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18B0626-03	MW101A_021518	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18B0626-04	MW118_021518	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18B0626-05	MW117_021518	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18B0626-06	GWDUP01_021518	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QM-03	Multiple analyses indicate the percent recovery exceeds the Quality Control acceptance criteria due to a matrix effect.
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).
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
GC-Surr	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the alternate surrogate.
HT-01	This result was reported from an analysis conducted outside of the EPA recommended holding time.
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).
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.
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.
See attach	See attached
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.
SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
N	The Tentatively Identified Compound reported indicates the presence of an possible analyte or class of analyte that has been 'tentatively identified' and the associated numerical value represents its 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.

Revision Description: This report has been revised to change results for dissolved ICP metals data on sample 3.

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. 18B0626

YOUR Information

Company: LANGAN ENG.
Address: 360 W 31ST ST 8FL NY, NY 10001
Phone No. (212) 479-5400
Contact Person: KIMDELCOL
E-Mail Address: KDELCOL@LANGAN.COM

Report To:

Company: //
Address:
Phone No.
Attention:
E-Mail Address: SKRAPP@LANGAN.COM

Invoice To:

Company: //
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

170824.501

Purchase Order No.

Samples from: CT ___ NY X NJ ___

Turn-Around Time

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

Report Type

- Summary Report ___
- Summary w/ QA Summary ___
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package X
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)

- Simple Excel ___
- NYSDEC EQuIS ___
- EQuIS (std) X
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___
- **York Regulatory Comparison Excel Spreadsheet**

Compare to the following Regs. (please fill in):

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

Samples Collected/Authorized By (Signature)

Taylor Morgan
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
GWFB02_021518	02/15/18 1500	GW	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}, CN^-, PFAS, 1,4-dioxane	
GWTB02_021518	02/15/18	GW	TCL+30 VOCs	
MW101A_021518	02/15/18 0915	GW	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}, CN^-	
MW11B_021518	02/15/18 1300	GW	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}, CN^-, PFAS*, 1,4-dioxane*	
MW117_021518	02/15/18 1445	GW	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}, CN^-	
GWMS01_021518	02/15/18 0915	GW	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}, CN^-	
GWMSD01_021518	02/15/18 0915	GW	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}, CN^-	
GWDUP01_021518	02/15/18 12:34	GW	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}, CN^-	

Comments

Preservation Check those Applicable: 4°C X Frozen ___ HCl X MeOH ___ HNO_3 X H_2SO_4 ___ NaOH X ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions
Field Filtered X
Lab to Filter ☐

Samples Relinquished By — Date/Time: 02/15/18 1600
Samples Relinquished By — Date/Time:

Samples Received By — Date/Time: 2/15/18
Samples Received in LAB by TC Fuller — Date/Time: 2/15/18 1954

Temperature on Receipt 5.7 °C

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Tel: (916)373-5600

TestAmerica Job ID: 320-36192-1
Client Project/Site: PFAS, PWG RI

For:
York Analytical Laboratories, Inc.
120 Research Drive
Stratford, Connecticut 06615

Attn: Lab Reports

Authorized for release by:
3/12/2018 3:47:39 PM

Jill Kellmann, Manager of Project Management
(916)374-4402
jill.kellmann@testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

LCMS

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.
*	Isotope Dilution analyte is outside acceptance limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: York Analytical Laboratories, Inc.
Project/Site: PFAS, PWG RI

TestAmerica Job ID: 320-36192-1

Job ID: 320-36192-1

Laboratory: TestAmerica Sacramento

Narrative

Receipt
The samples were received on 2/17/2018 8:55 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.7º C.

LCMS
Method(s) 537 (modified): The method blank for preparation batch 200-126932 and analytical batch 200-127080 contained Perfluorooctanoic acid (PFOA) above the reporting limit (RL). This target analyte concentration was less than the project-specific action limit; therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 537 (modified): The Isotope Dilution Analyte (IDA) recovery is above the method recommended limit for M2-6:2FTS in the following sample: 18B0626-04 (320-36192-2). Quantitation by isotope dilution generally precludes any adverse effect on data quality due to elevated IDA recoveries. 6:2FTS was not identified in the sample.

Method(s) 537 (modified): The Isotope Dilution Analyte (IDA) recovery associated with the following sample is below the method recommended limit for 13C8 FOSA: 18B0626-04 (320-36192-2). Generally, data quality is not considered affected if the IDA signal-to-noise ratio is greater than 10:1, which is achieved for all IDA in the sample(s). All detection limits are below the lower calibration.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: York Analytical Laboratories, Inc.
Project/Site: PFAS, PWG RI

TestAmerica Job ID: 320-36192-1

Client Sample ID: 18B0626-01 — Lab Sample ID: 320-36192-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	1.9	B	1.7	0.39	ng/L	1		537 (modified)	Total/NA
6:2FTS	0.54	J	1.7	0.50	ng/L	1		537 (modified)	Total/NA

Client Sample ID: 18B0626-04 — Lab Sample ID: 320-36192-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	7.1		1.8	0.39	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	10		1.8	0.39	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	9.8		1.8	0.39	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	11		1.8	0.26	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	67	B	1.8	0.41	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	0.92	J	1.8	0.23	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	6.4		1.8	0.77	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	3.7		1.8	0.25	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	1.2	J	1.8	0.26	ng/L	1		537 (modified)	Total/NA
6:2FTS	0.74	J	1.8	0.53	ng/L	1		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Client: York Analytical Laboratories, Inc.
Project/Site: PFAS, PWG RI

TestAmerica Job ID: 320-36192-1

Client Sample ID: 18B0626-01
Date Collected: 02/15/18 15:00
Date Received: 02/17/18 08:55

Lab Sample ID: 320-36192-1
Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		1.7	0.37	ng/L		03/01/18 12:54	03/06/18 18:51	1
Perfluoropentanoic acid (PFPeA)	ND		1.7	0.37	ng/L		03/01/18 12:54	03/06/18 18:51	1
Perfluorohexanoic acid (PFHxA)	ND		1.7	0.37	ng/L		03/01/18 12:54	03/06/18 18:51	1
Perfluoroheptanoic acid (PFHpA)	ND		1.7	0.24	ng/L		03/01/18 12:54	03/06/18 18:51	1
Perfluorooctanoic acid (PFOA)	**1.9**	**B**	1.7	0.39	ng/L		03/01/18 12:54	03/06/18 18:51	1
Perfluorononanoic acid (PFNA)	ND		1.7	0.22	ng/L		03/01/18 12:54	03/06/18 18:51	1
Perfluorodecanoic acid (PFDA)	ND		1.7	0.37	ng/L		03/01/18 12:54	03/06/18 18:51	1
Perfluoroundecanoic acid (PFUnA)	ND		1.7	0.37	ng/L		03/01/18 12:54	03/06/18 18:51	1
Perfluorododecanoic acid (PFDoA)	ND		1.7	0.37	ng/L		03/01/18 12:54	03/06/18 18:51	1
Perfluorotridecanoic Acid (PFTriA)	ND		1.7	0.37	ng/L		03/01/18 12:54	03/06/18 18:51	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.7	0.37	ng/L		03/01/18 12:54	03/06/18 18:51	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.7	0.74	ng/L		03/01/18 12:54	03/06/18 18:51	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.7	0.23	ng/L		03/01/18 12:54	03/06/18 18:51	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.7	0.37	ng/L		03/01/18 12:54	03/06/18 18:51	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.7	0.25	ng/L		03/01/18 12:54	03/06/18 18:51	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.7	0.37	ng/L		03/01/18 12:54	03/06/18 18:51	1
Perfluorooctane Sulfonamide (FOSA)	ND		1.7	0.37	ng/L		03/01/18 12:54	03/06/18 18:51	1
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND		1.7	0.50	ng/L		03/01/18 12:54	03/06/18 18:51	1
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND		1.7	0.50	ng/L		03/01/18 12:54	03/06/18 18:51	1
6:2FTS	**0.54**	**J**	1.7	0.50	ng/L		03/01/18 12:54	03/06/18 18:51	1
8:2FTS	ND		1.7	0.50	ng/L		03/01/18 12:54	03/06/18 18:51	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
18O2 PFHxS	*100*		*25 - 150*	*03/01/18 12:54*	*03/06/18 18:51*	*1*
13C4-PFHpA	*100*		*25 - 150*	*03/01/18 12:54*	*03/06/18 18:51*	*1*
13C4 PFOA	*100*		*25 - 150*	*03/01/18 12:54*	*03/06/18 18:51*	*1*
13C4 PFOS	*101*		*25 - 150*	*03/01/18 12:54*	*03/06/18 18:51*	*1*
13C5 PFNA	*98*		*25 - 150*	*03/01/18 12:54*	*03/06/18 18:51*	*1*
13C4 PFBA	*91*		*25 - 150*	*03/01/18 12:54*	*03/06/18 18:51*	*1*
13C2 PFHxA	*118*		*25 - 150*	*03/01/18 12:54*	*03/06/18 18:51*	*1*
13C2 PFDA	*88*		*25 - 150*	*03/01/18 12:54*	*03/06/18 18:51*	*1*
13C2 PFUnA	*91*		*25 - 150*	*03/01/18 12:54*	*03/06/18 18:51*	*1*
13C2 PFDoA	*90*		*25 - 150*	*03/01/18 12:54*	*03/06/18 18:51*	*1*
13C8 FOSA	*68*		*25 - 150*	*03/01/18 12:54*	*03/06/18 18:51*	*1*
13C5-PFPeA	*127*		*25 - 150*	*03/01/18 12:54*	*03/06/18 18:51*	*1*
13C2-PFTeDA	*91*		*25 - 150*	*03/01/18 12:54*	*03/06/18 18:51*	*1*
d3-NMeFOSAA	*76*		*25 - 150*	*03/01/18 12:54*	*03/06/18 18:51*	*1*
d5-NEtFOSAA	*85*		*25 - 150*	*03/01/18 12:54*	*03/06/18 18:51*	*1*
M2-6:2FTS	*143*		*25 - 150*	*03/01/18 12:54*	*03/06/18 18:51*	*1*
M2-8:2FTS	*86*		*25 - 150*	*03/01/18 12:54*	*03/06/18 18:51*	*1*
13C3-PFBS	*110*		*25 - 150*	*03/01/18 12:54*	*03/06/18 18:51*	*1*

Client Sample ID: 18B0626-04
Date Collected: 02/15/18 13:00
Date Received: 02/17/18 08:55

Lab Sample ID: 320-36192-2
Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**7.1**		1.8	0.39	ng/L		03/01/18 12:54	03/06/18 19:06	1
Perfluoropentanoic acid (PFPeA)	**10**		1.8	0.39	ng/L		03/01/18 12:54	03/06/18 19:06	1
Perfluorohexanoic acid (PFHxA)	**9.8**		1.8	0.39	ng/L		03/01/18 12:54	03/06/18 19:06	1
Perfluoroheptanoic acid (PFHpA)	**11**		1.8	0.26	ng/L		03/01/18 12:54	03/06/18 19:06	1
Perfluorooctanoic acid (PFOA)	**67**	**B**	1.8	0.41	ng/L		03/01/18 12:54	03/06/18 19:06	1
Perfluorononanoic acid (PFNA)	**0.92**	**J**	1.8	0.23	ng/L		03/01/18 12:54	03/06/18 19:06	1
Perfluorodecanoic acid (PFDA)	ND		1.8	0.39	ng/L		03/01/18 12:54	03/06/18 19:06	1
Perfluoroundecanoic acid (PFUnA)	ND		1.8	0.39	ng/L		03/01/18 12:54	03/06/18 19:06	1
Perfluorododecanoic acid (PFDoA)	ND		1.8	0.39	ng/L		03/01/18 12:54	03/06/18 19:06	1
Perfluorotridecanoic Acid (PFTriA)	ND		1.8	0.39	ng/L		03/01/18 12:54	03/06/18 19:06	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.8	0.39	ng/L		03/01/18 12:54	03/06/18 19:06	1
Perfluorobutanesulfonic acid (PFBS)	**6.4**		1.8	0.77	ng/L		03/01/18 12:54	03/06/18 19:06	1
Perfluorohexanesulfonic acid (PFHxS)	**3.7**		1.8	0.25	ng/L		03/01/18 12:54	03/06/18 19:06	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.8	0.39	ng/L		03/01/18 12:54	03/06/18 19:06	1
Perfluorooctanesulfonic acid (PFOS)	**1.2**	**J**	1.8	0.26	ng/L		03/01/18 12:54	03/06/18 19:06	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.8	0.39	ng/L		03/01/18 12:54	03/06/18 19:06	1
Perfluorooctane Sulfonamide (FOSA)	ND		1.8	0.39	ng/L		03/01/18 12:54	03/06/18 19:06	1
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND		1.8	0.53	ng/L		03/01/18 12:54	03/06/18 19:06	1
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND		1.8	0.53	ng/L		03/01/18 12:54	03/06/18 19:06	1
6:2FTS	**0.74**	**J**	1.8	0.53	ng/L		03/01/18 12:54	03/06/18 19:06	1
8:2FTS	ND		1.8	0.53	ng/L		03/01/18 12:54	03/06/18 19:06	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
18O2 PFHxS	*98*		*25 - 150*	*03/01/18 12:54*	*03/06/18 19:06*	*1*
13C4-PFHpA	*92*		*25 - 150*	*03/01/18 12:54*	*03/06/18 19:06*	*1*
13C4 PFOA	*97*		*25 - 150*	*03/01/18 12:54*	*03/06/18 19:06*	*1*
13C4 PFOS	*104*		*25 - 150*	*03/01/18 12:54*	*03/06/18 19:06*	*1*
13C5 PFNA	*99*		*25 - 150*	*03/01/18 12:54*	*03/06/18 19:06*	*1*
13C4 PFBA	*51*		*25 - 150*	*03/01/18 12:54*	*03/06/18 19:06*	*1*
13C2 PFHxA	*94*		*25 - 150*	*03/01/18 12:54*	*03/06/18 19:06*	*1*
13C2 PFDA	*76*		*25 - 150*	*03/01/18 12:54*	*03/06/18 19:06*	*1*
13C2 PFUnA	*74*		*25 - 150*	*03/01/18 12:54*	*03/06/18 19:06*	*1*
13C2 PFDoA	*68*		*25 - 150*	*03/01/18 12:54*	*03/06/18 19:06*	*1*
13C8 FOSA	*22*	*	*25 - 150*	*03/01/18 12:54*	*03/06/18 19:06*	*1*
13C5-PFPeA	*106*		*25 - 150*	*03/01/18 12:54*	*03/06/18 19:06*	*1*
13C2-PFTeDA	*84*		*25 - 150*	*03/01/18 12:54*	*03/06/18 19:06*	*1*
d3-NMeFOSAA	*69*		*25 - 150*	*03/01/18 12:54*	*03/06/18 19:06*	*1*
d5-NEtFOSAA	*71*		*25 - 150*	*03/01/18 12:54*	*03/06/18 19:06*	*1*
M2-6:2FTS	*177*	*	*25 - 150*	*03/01/18 12:54*	*03/06/18 19:06*	*1*
M2-8:2FTS	*81*		*25 - 150*	*03/01/18 12:54*	*03/06/18 19:06*	*1*
13C3-PFBS	*118*		*25 - 150*	*03/01/18 12:54*	*03/06/18 19:06*	*1*

Isotope Dilution Summary

Client: York Analytical Laboratories, Inc.
Project/Site: PFAS, PWG RI

TestAmerica Job ID: 320-36192-1

Method: 537 (modified) - Fluorinated Alkyl Substances

Matrix: Water **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFHxS	PFHpA	PFOA	PFOS	PFNA	PFBA	PFHxA	PFDA
Lab Sample ID	Client Sample ID	(25-150)	(25-150)	(25-150)	(25-150)	(25-150)	(25-150)	(25-150)	(25-150)
320-36192-1	18B0626-01	100	100	100	101	98	91	118	88
320-36192-2	18B0626-04	98	92	97	104	99	51	94	76
LCS 200-126932/2-A	Lab Control Sample	96	91	95	100	94	87	115	89
LCSD 200-126932/3-A	Lab Control Sample Dup	92	90	94	94	94	89	114	85
MB 200-126932/1-A	Method Blank	100	98	103	107	102	88	111	90

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFUnA	PFDoA	PFOSA	PFPeA	PFTDA	-NMeFOS/	-NEtFOS/	M262FTS
Lab Sample ID	Client Sample ID	(25-150)	(25-150)	(25-150)	(25-150)	(25-150)	(25-150)	(25-150)	(25-150)
320-36192-1	18B0626-01	91	90	68	127	91	76	85	143
320-36192-2	18B0626-04	74	68	22 *	106	84	69	71	177 *
LCS 200-126932/2-A	Lab Control Sample	90	83	67	126	93	81	85	127
LCSD 200-126932/3-A	Lab Control Sample Dup	88	85	62	117	85	77	81	123
MB 200-126932/1-A	Method Blank	89	77	64	113	87	81	87	131

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		M282FTS	3C3-PFBS						
Lab Sample ID	Client Sample ID	(25-150)	(25-150)						
320-36192-1	18B0626-01	86	110						
320-36192-2	18B0626-04	81	118						
LCS 200-126932/2-A	Lab Control Sample	100	104						
LCSD 200-126932/3-A	Lab Control Sample Dup	102	107						
MB 200-126932/1-A	Method Blank	101	114						

Surrogate Legend

PFHxS = 18O2 PFHxS
PFHpA = 13C4-PFHpA
PFOA = 13C4 PFOA
PFOS = 13C4 PFOS
PFNA = 13C5 PFNA
PFBA = 13C4 PFBA
PFHxA = 13C2 PFHxA
PFDA = 13C2 PFDA
PFUnA = 13C2 PFUnA
PFDoA = 13C2 PFDoA
PFOSA = 13C8 FOSA
PFPeA = 13C5-PFPeA
PFTDA = 13C2-PFTeDA
d3-NMeFOSAA = d3-NMeFOSAA
d5-NEtFOSAA = d5-NEtFOSAA
M262FTS = M2-6:2FTS
M282FTS = M2-8:2FTS
13C3-PFBS = 13C3-PFBS

Method: 537 (modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 200-126932/1-A
Matrix: Water
Analysis Batch: 127080

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 126932

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		2.0	0.44	ng/L		03/01/18 12:54	03/06/18 17:59	1
Perfluoropentanoic acid (PFPeA)	ND		2.0	0.44	ng/L		03/01/18 12:54	03/06/18 17:59	1
Perfluorohexanoic acid (PFHxA)	ND		2.0	0.44	ng/L		03/01/18 12:54	03/06/18 17:59	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.29	ng/L		03/01/18 12:54	03/06/18 17:59	1
Perfluorooctanoic acid (PFOA)	2.61		2.0	0.47	ng/L		03/01/18 12:54	03/06/18 17:59	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.26	ng/L		03/01/18 12:54	03/06/18 17:59	1
Perfluorodecanoic acid (PFDA)	ND		2.0	0.44	ng/L		03/01/18 12:54	03/06/18 17:59	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	0.44	ng/L		03/01/18 12:54	03/06/18 17:59	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.44	ng/L		03/01/18 12:54	03/06/18 17:59	1
Perfluorotridecanoic Acid (PFTriA)	ND		2.0	0.44	ng/L		03/01/18 12:54	03/06/18 17:59	1
Perfluorotetradecanoic acid (PFTeA)	ND		2.0	0.44	ng/L		03/01/18 12:54	03/06/18 17:59	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.88	ng/L		03/01/18 12:54	03/06/18 17:59	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.28	ng/L		03/01/18 12:54	03/06/18 17:59	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		2.0	0.44	ng/L		03/01/18 12:54	03/06/18 17:59	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	0.30	ng/L		03/01/18 12:54	03/06/18 17:59	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	0.44	ng/L		03/01/18 12:54	03/06/18 17:59	1
Perfluorooctane Sulfonamide (FOSA)	ND		2.0	0.44	ng/L		03/01/18 12:54	03/06/18 17:59	1
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND		2.0	0.60	ng/L		03/01/18 12:54	03/06/18 17:59	1
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND		2.0	0.60	ng/L		03/01/18 12:54	03/06/18 17:59	1
6:2FTS	ND		2.0	0.60	ng/L		03/01/18 12:54	03/06/18 17:59	1
8:2FTS	ND		2.0	0.60	ng/L		03/01/18 12:54	03/06/18 17:59	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
18O2 PFHxS	*100*		*25 - 150*	*03/01/18 12:54*	*03/06/18 17:59*	*1*
13C4-PFHpA	*98*		*25 - 150*	*03/01/18 12:54*	*03/06/18 17:59*	*1*
13C4 PFOA	*103*		*25 - 150*	*03/01/18 12:54*	*03/06/18 17:59*	*1*
13C4 PFOS	*107*		*25 - 150*	*03/01/18 12:54*	*03/06/18 17:59*	*1*
13C5 PFNA	*102*		*25 - 150*	*03/01/18 12:54*	*03/06/18 17:59*	*1*
13C4 PFBA	*88*		*25 - 150*	*03/01/18 12:54*	*03/06/18 17:59*	*1*
13C2 PFHxA	*111*		*25 - 150*	*03/01/18 12:54*	*03/06/18 17:59*	*1*
13C2 PFDA	*90*		*25 - 150*	*03/01/18 12:54*	*03/06/18 17:59*	*1*
13C2 PFUnA	*89*		*25 - 150*	*03/01/18 12:54*	*03/06/18 17:59*	*1*
13C2 PFDoA	*77*		*25 - 150*	*03/01/18 12:54*	*03/06/18 17:59*	*1*
13C8 FOSA	*64*		*25 - 150*	*03/01/18 12:54*	*03/06/18 17:59*	*1*
13C5-PFPeA	*113*		*25 - 150*	*03/01/18 12:54*	*03/06/18 17:59*	*1*
13C2-PFTeDA	*87*		*25 - 150*	*03/01/18 12:54*	*03/06/18 17:59*	*1*
d3-NMeFOSAA	*81*		*25 - 150*	*03/01/18 12:54*	*03/06/18 17:59*	*1*
d5-NEtFOSAA	*87*		*25 - 150*	*03/01/18 12:54*	*03/06/18 17:59*	*1*
M2-6:2FTS	*131*		*25 - 150*	*03/01/18 12:54*	*03/06/18 17:59*	*1*
M2-8:2FTS	*101*		*25 - 150*	*03/01/18 12:54*	*03/06/18 17:59*	*1*
13C3-PFBS	*114*		*25 - 150*	*03/01/18 12:54*	*03/06/18 17:59*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 200-126932/2-A
Matrix: Water
Analysis Batch: 127080

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 126932

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorobutanoic acid (PFBA)	40.0	40.7		ng/L		102	60 - 140
Perfluoropentanoic acid (PFPeA)	40.0	30.6		ng/L		76	60 - 140
Perfluorohexanoic acid (PFHxA)	40.0	39.3		ng/L		98	60 - 140
Perfluoroheptanoic acid (PFHpA)	40.0	39.5		ng/L		99	60 - 140
Perfluorooctanoic acid (PFOA)	40.0	42.0		ng/L		105	60 - 140
Perfluorononanoic acid (PFNA)	40.0	38.7		ng/L		97	60 - 140
Perfluorodecanoic acid (PFDA)	40.0	39.1		ng/L		98	60 - 140
Perfluoroundecanoic acid (PFUnA)	40.0	40.7		ng/L		102	60 - 140
Perfluorododecanoic acid (PFDoA)	40.0	40.8		ng/L		102	60 - 140
Perfluorotridecanoic Acid (PFTriA)	40.0	38.3		ng/L		96	60 - 140
Perfluorotetradecanoic acid (PFTeA)	40.0	36.8		ng/L		92	60 - 140
Perfluorobutanesulfonic acid (PFBS)	35.4	36.5		ng/L		103	60 - 140
Perfluorohexanesulfonic acid (PFHxS)	36.4	34.0		ng/L		93	60 - 140
Perfluoroheptanesulfonic Acid (PFHpS)	38.1	39.6		ng/L		104	60 - 140
Perfluorooctanesulfonic acid (PFOS)	37.1	35.6		ng/L		96	60 - 140
Perfluorodecanesulfonic acid (PFDS)	38.6	35.7		ng/L		93	60 - 140
Perfluorooctane Sulfonamide (FOSA)	40.0	38.9		ng/L		97	60 - 140
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	40.0	39.8		ng/L		100	60 - 140
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	40.0	40.1		ng/L		100	60 - 140
6:2FTS	37.9	37.7		ng/L		99	60 - 140
8:2FTS	38.3	39.0		ng/L		102	60 - 140

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
18O2 PFHxS	*96*		*25 - 150*
13C4-PFHpA	*91*		*25 - 150*
13C4 PFOA	*95*		*25 - 150*
13C4 PFOS	*100*		*25 - 150*
13C5 PFNA	*94*		*25 - 150*
13C4 PFBA	*87*		*25 - 150*
13C2 PFHxA	*115*		*25 - 150*
13C2 PFDA	*89*		*25 - 150*
13C2 PFUnA	*90*		*25 - 150*
13C2 PFDoA	*83*		*25 - 150*
13C8 FOSA	*67*		*25 - 150*
13C5-PFPeA	*126*		*25 - 150*
13C2-PFTeDA	*93*		*25 - 150*
d3-NMeFOSAA	*81*		*25 - 150*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 200-126932/2-A
Matrix: Water
Analysis Batch: 127080

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 126932

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
d5-NEtFOSAA	85		25 - 150
M2-6:2FTS	127		25 - 150
M2-8:2FTS	100		25 - 150
13C3-PFBS	104		25 - 150

Lab Sample ID: LCSD 200-126932/3-A
Matrix: Water
Analysis Batch: 127080

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 126932

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)			40.0	39.2		ng/L		98	60 - 140	4	30
Perfluoropentanoic acid (PFPeA)			40.0	33.5		ng/L		84	60 - 140	9	30
Perfluorohexanoic acid (PFHxA)			40.0	40.4		ng/L		101	60 - 140	3	30
Perfluoroheptanoic acid (PFHpA)			40.0	40.9		ng/L		102	60 - 140	4	30
Perfluorooctanoic acid (PFOA)			40.0	44.0		ng/L		110	60 - 140	5	30
Perfluorononanoic acid (PFNA)			40.0	38.8		ng/L		97	60 - 140	0	30
Perfluorodecanoic acid (PFDA)			40.0	39.7		ng/L		99	60 - 140	2	30
Perfluoroundecanoic acid (PFUnA)			40.0	41.9		ng/L		105	60 - 140	3	30
Perfluorododecanoic acid (PFDoA)			40.0	39.7		ng/L		99	60 - 140	3	30
Perfluorotridecanoic Acid (PFTriA)			40.0	37.2		ng/L		93	60 - 140	3	30
Perfluorotetradecanoic acid (PFTeA)			40.0	39.0		ng/L		97	60 - 140	6	30
Perfluorobutanesulfonic acid (PFBS)			35.4	36.8		ng/L		104	60 - 140	1	30
Perfluorohexanesulfonic acid (PFHxS)			36.4	35.0		ng/L		96	60 - 140	3	30
Perfluoroheptanesulfonic Acid (PFHpS)			38.1	43.1		ng/L		113	60 - 140	8	30
Perfluorooctanesulfonic acid (PFOS)			37.1	39.2		ng/L		106	60 - 140	10	30
Perfluorodecanesulfonic acid (PFDS)			38.6	39.3		ng/L		102	60 - 140	10	30
Perfluorooctane Sulfonamide (FOSA)			40.0	40.2		ng/L		100	60 - 140	3	30
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)			40.0	39.7		ng/L		99	60 - 140	0	30
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)			40.0	42.8		ng/L		107	60 - 140	6	30
6:2FTS			37.9	40.6		ng/L		107	60 - 140	7	30
8:2FTS			38.3	47.9		ng/L		125	60 - 140	21	30

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
18O2 PFHxS	92		25 - 150
13C4-PFHpA	90		25 - 150
13C4 PFOA	94		25 - 150
13C4 PFOS	94		25 - 150
13C5 PFNA	94		25 - 150

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCSD 200-126932/3-A
Matrix: Water
Analysis Batch: 127080

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 126932

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
13C4 PFBA	89		25 - 150
13C2 PFHxA	114		25 - 150
13C2 PFDA	85		25 - 150
13C2 PFUnA	88		25 - 150
13C2 PFDoA	85		25 - 150
13C8 FOSA	62		25 - 150
13C5-PFPeA	117		25 - 150
13C2-PFTeDA	85		25 - 150
d3-NMeFOSAA	77		25 - 150
d5-NEtFOSAA	81		25 - 150
M2-6:2FTS	123		25 - 150
M2-8:2FTS	102		25 - 150
13C3-PFBS	107		25 - 150

LCMS

Prep Batch: 126932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-36192-1	18B0626-01	Total/NA	Water	3535	
320-36192-2	18B0626-04	Total/NA	Water	3535	
MB 200-126932/1-A	Method Blank	Total/NA	Water	3535	
LCS 200-126932/2-A	Lab Control Sample	Total/NA	Water	3535	
LCSD 200-126932/3-A	Lab Control Sample Dup	Total/NA	Water	3535	

Analysis Batch: 127080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-36192-1	18B0626-01	Total/NA	Water	537 (modified)	126932
320-36192-2	18B0626-04	Total/NA	Water	537 (modified)	126932
MB 200-126932/1-A	Method Blank	Total/NA	Water	537 (modified)	126932
LCS 200-126932/2-A	Lab Control Sample	Total/NA	Water	537 (modified)	126932
LCSD 200-126932/3-A	Lab Control Sample Dup	Total/NA	Water	537 (modified)	126932

Lab Chronicle

Client: York Analytical Laboratories, Inc.
Project/Site: PFAS, PWG RI

TestAmerica Job ID: 320-36192-1

Client Sample ID: 18B0626-01

Date Collected: 02/15/18 15:00
Date Received: 02/17/18 08:55

Lab Sample ID: 320-36192-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			298.4 mL	0.5 mL	126932	03/01/18 12:54	BWC	TAL BUR
Total/NA	Analysis	537 (modified)		1			127080	03/06/18 18:51	BWC	TAL BUR

Client Sample ID: 18B0626-04

Date Collected: 02/15/18 13:00
Date Received: 02/17/18 08:55

Lab Sample ID: 320-36192-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			284 mL	0.5 mL	126932	03/01/18 12:54	BWC	TAL BUR
Total/NA	Analysis	537 (modified)		1			127080	03/06/18 19:06	BWC	TAL BUR

Laboratory References:

TAL BUR = TestAmerica Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Accreditation/Certification Summary

Client: York Analytical Laboratories, Inc.
Project/Site: PFAS, PWG RI

TestAmerica Job ID: 320-36192-1

Laboratory: TestAmerica Sacramento

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Oregon	NELAP	10	4040	01-29-19

Laboratory: TestAmerica Burlington

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Connecticut	State Program	1	PH-0751	09-30-19
DE Haz. Subst. Cleanup Act (HSCA)	State Program	3	NA	02-01-19
Florida	NELAP	4	E87467	06-30-18
L-A-B	DoD ELAP		L2336	02-25-20
Maine	State Program	1	VT00008	04-17-19
Minnesota	NELAP	5	050-999-436	12-31-18
New Jersey	NELAP	2	VT972	06-30-18
New York	NELAP	2	10391	04-01-18 *
Pennsylvania	NELAP	3	68-00489	04-30-18 *
Rhode Island	State Program	1	LAO00298	12-30-18
US Fish & Wildlife	Federal		LE-058448-0	07-31-18
USDA	Federal		P330-11-00093	07-24-20
Vermont	State Program	1	VT-4000	12-31-18
Virginia	NELAP	3	460209	12-14-18

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: York Analytical Laboratories, Inc.
Project/Site: PFAS, PWG RI

TestAmerica Job ID: 320-36192-1

Method	Method Description	Protocol	Laboratory
537 (modified)	Fluorinated Alkyl Substances	EPA	TAL BUR

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL BUR = TestAmerica Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: York Analytical Laboratories, Inc.
Project/Site: PFAS, PWG RI

TestAmerica Job ID: 320-36192-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
320-36192-1	18B0626-01	Water	02/15/18 15:00	02/17/18 08:55
320-36192-2	18B0626-04	Water	02/15/18 13:00	02/17/18 08:55

320-36192 Chain of Custody

YORK
Analytical Laboratories, Inc.

2/16/2018

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody
York Project No.: 18B0626

This information is being sent to inform you that York intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact the YORK project manager for further information.

Note: E-mail lab reports to: York_Lab_Report@yorklab.com **Mail/Fax Hard Copies to: York Analytical at the address below**

SENDING LABORATORY:

York Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
Phone: 203.325.1371
Fax: 203.357.0166
Contact: **York Analytical**

RECEIVING LABORATORY:

TestAmerica West Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Phone :(916) 373-5600
Fax: (976) 379-1059

Sample ID: 18B0626-01 **Matrix: Water** **Date Sampled : 02/15/2018 15:00**

Analysis Needed	Date Due	Holding Time Expires	Comments
PFAS in Water by EPA 537	03/01/2018 16:30	03/01/2018 15:00	

Containers Supplied:
10_250mL Square Plastic Cool to 4° C (J) 10_250mL Square Plastic Cool to 4° C (K)

Sample ID: 18B0626-04 **Matrix: Water** **Date Sampled : 02/15/2018 13:00**

Analysis Needed	Date Due	Holding Time Expires	Comments
PFAS in Water by EPA 537	03/01/2018 16:30	03/01/2018 13:00	

Containers Supplied:
10_250mL Square Plastic Cool to 4° C (J) 10_250mL Square Plastic Cool to 4° C (K)

York Purchase Order No.: 18722 [redacted] Samples from State of: **NY**

Deliverables required: NYSDEC ASP B **Data Pkg DUE: 03/16/2018**

Chain-of-Custody Information

Tom Gabrielson	2/16/2018		2/17/18 855
Released By York Sample Control	Date	Received By	Date
Received By	Date	Received in Subcontract Lab By	Date

Page 2 of 2

TestAmerica Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Phone (916) 373-5600 Fax (916) 372-1059

Chain of Custody Record

320-36192 Chain of Custody

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kellmann, Jill	COC No: 320-112421.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: jill.kellmann@testamericainc.com	State: New York — Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Oregon	Job #: 320-36192-1
Address: 30 Community Drive, Suite 11,	Due Date Requested: 3/13/2018		
City: South Burlington	TAT Requested (days):		
State, Zip: VT, 05403			
Phone: 802-660-1990(Tel) 802-660-1919(Fax)	PO #:		
Email:	WO #:		
Project Name: PFAS, PWG RI	Project #: 32010589		
Site:	SSOW#:		

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PFC_IDA/3535_IVWT (MOD) PFAS, Standard List (21 analytes)	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
18B0626-01 (320-36192-1)	2/15/18	15:00 Eastern		Water			X	2	
18B0626-04 (320-36192-2)	2/15/18	13:00 Eastern		Water			X	2	

Note: Since laboratory accreditations are subject to change, TestAmerica Laboratories, Inc. places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to TestAmerica Laboratories, Inc. attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to TestAmerica Laboratories, Inc.

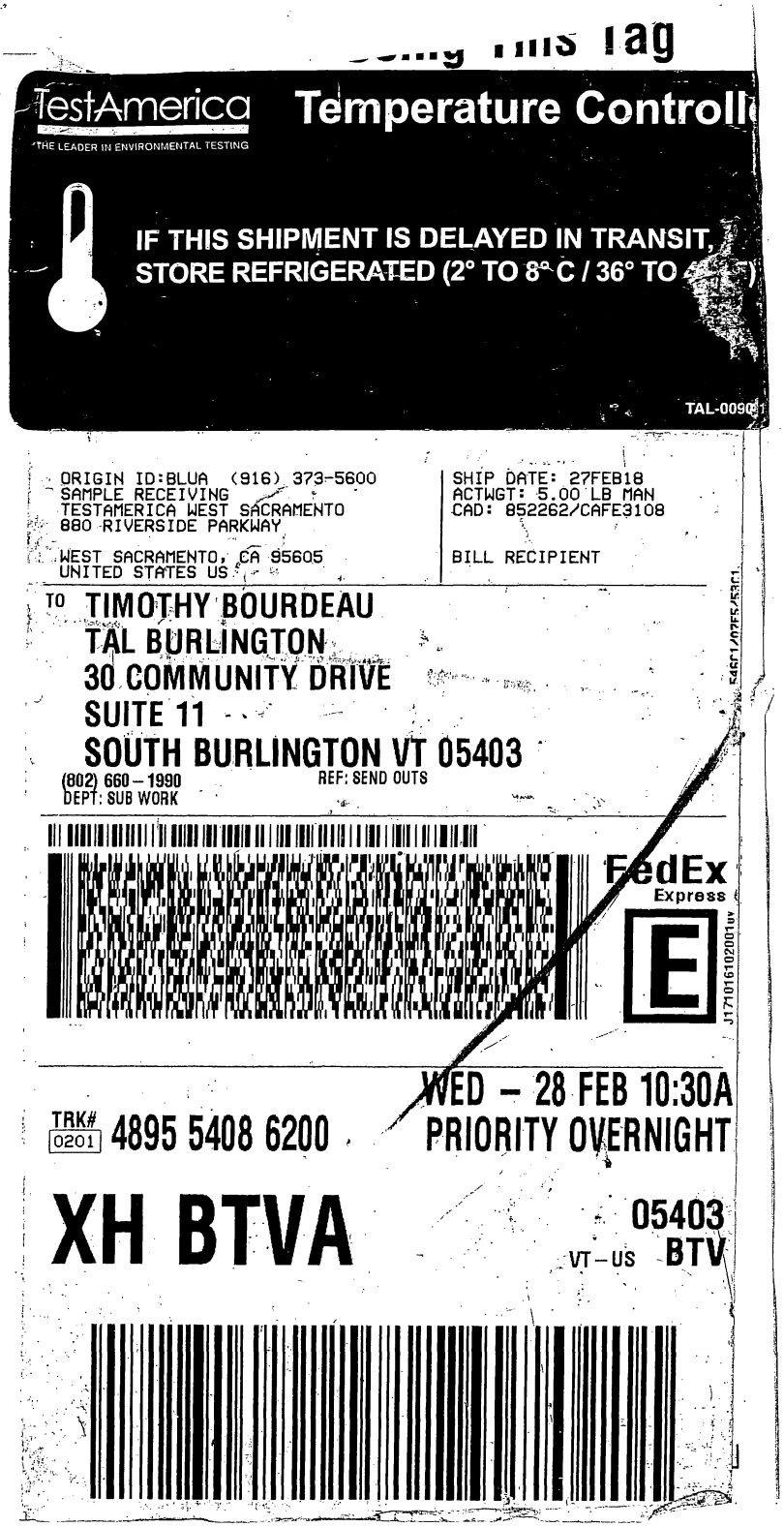
Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:
Empty Kit Relinquished by:	Date: Time: Method of Shipment:

Relinquished by: Ivy A. Jo	Date/Time: 2/27/18 1630	Company TA - SAC	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 3/1/18 1030	Company TASAC

Custody Seals Intact: ☑ Yes ☐ No — Custody Seal No.: N/A

Cooler Temperature(s) °C and Other Remarks: 2.4

Ver: 09/20/2016



...ing This Tag

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Temperature Controll

IF THIS SHIPMENT IS DELAYED IN TRANSIT,
STORE REFRIGERATED (2° TO 8° C / 36° TO

TAL-0090

ORIGIN ID:BLUA (916) 373-5600
SAMPLE RECEIVING
TESTAMERICA WEST SACRAMENTO
880 RIVERSIDE PARKWAY

WEST SACRAMENTO, CA 95605
UNITED STATES US

SHIP DATE: 27FEB18
ACTWGT: 5.00 LB MAN
CAD: 852262/CAFE3108

BILL RECIPIENT

TO TIMOTHY BOURDEAU
TAL BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403
(802) 660-1990
DEPT: SUB WORK

REF: SEND OUTS

FedEx Express

J17016102001uv

TRK# 0201 4895 5408 6200

WED - 28 FEB 10:30A
PRIORITY OVERNIGHT

XH BTVA

05403
VT-US BTV

Login Sample Receipt Checklist

Client: York Analytical Laboratories, Inc.

Job Number: 320-36192-1

Login Number: 36192
List Number: 1
Creator: Her, David A

List Source: TestAmerica Sacramento

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: York Analytical Laboratories, Inc.

Job Number: 320-36192-1

Login Number: 36192
List Number: 2
Creator: Lavigne, Scott M

List Source: TestAmerica Burlington
List Creation: 03/01/18 11:36 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	Seal present with no number.
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.4°C
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Technical Report

prepared for:

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

Report Date: 03/20/2018
Client Project ID: 170384501
York Project (SDG) No.: 18B0987

Report Date: 03/20/2018
Client Project ID: 170384501
York Project (SDG) No.: 18B0987

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

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 February 26, 2018 and listed below. The project was identified as your project: **170384501**.

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
18B0987-01	MW112_022518	Water	02/25/2018	02/26/2018
18B0987-02	MW111_022518	Water	02/25/2018	02/26/2018
18B0987-03	GWFB03_022518	Water	02/25/2018	02/26/2018
18B0987-04	MW106_022518	Water	02/25/2018	02/26/2018
18B0987-05	GWTB03_022518	Water	02/25/2018	02/26/2018

General Notes for York Project (SDG) No.: 18B0987

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: 03/20/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: MW112_022518 **York Sample ID:** 18B0987-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 10:30 am	02/26/2018

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	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	**1,2,4-Trimethylbenzene**	**1530**		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	**1,3,5-Trimethylbenzene**	**627**		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	400	800	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**13.1**		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW112_022518 **York Sample ID:** 18B0987-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 10:30 am	02/26/2018

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	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**20.0**		ug/L	10.0	20.0	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	**Cyclohexane**	**22.1**		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW112_022518 **York Sample ID:** 18B0987-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 10:30 am	02/26/2018

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**	**689**		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	**Isopropylbenzene**	**85.8**		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	**Methylcyclohexane**	**23.4**		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	10.0	20.0	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	**n-Butylbenzene**	**57.5**		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	**n-Propylbenzene**	**262**		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	**o-Xylene**	**254**		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	**p- & m- Xylenes**	**814**		ug/L	5.00	10.0	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	**p-Isopropyltoluene**	**10.4**		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	**sec-Butylbenzene**	**20.5**		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	5.00	10.0	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	**Toluene**	**7.40**		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW112_022518 **York Sample ID:** 18B0987-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 10:30 am	02/26/2018

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	2.00	5.00	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	**Xylenes, Total**	**1070**		ug/L	6.00	15.0	10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*114 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*95.0 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*91.1 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Diethyl Benzene isomer**	**40**	N	ug/L		10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
							Certifications:			
NA	**Ethyl Dimethyl Benzene isomer**	**280**	N	ug/L		10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
							Certifications:			
NA	**Ethyl Methyl Benzene isomer**	**1300**	N	ug/L		10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
							Certifications:			
NA	**methyl cyclo pentane isomer**	**27**	N	ug/L		10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
							Certifications:			
NA	**METHYL ETHYL benzene isomerS**	**1100**	N	ug/L		10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
							Certifications:			
NA	**methyl propenyl benzene isomers**	**320**	N	ug/L		10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
							Certifications:			
NA	**methyl propyl benzene isomer**	**140**	N	ug/L		10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
							Certifications:			
NA	**tetrahydro naphalene isomer**	**66**	N	ug/L		10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
							Certifications:			
NA	**Tetramethyl Benzene isomer**	**270**	N	ug/L		10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
							Certifications:			
NA	**Trimethyl pentane isomers**	**66**	N	ug/L		10	EPA 8260C	02/28/2018 15:42	03/01/2018 01:59	RDS
							Certifications:			

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	1.92	3.85	1	EPA 8270D	03/01/2018 08:42	03/02/2018 01:46	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D	03/01/2018 08:42	03/02/2018 01:46	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW112_022518 **York Sample ID:** 18B0987-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 10:30 am	02/26/2018

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
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	03/01/2018 08:42 NELAC-NY10854,NJDEP,PADEP	03/02/2018 01:46	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	03/01/2018 08:42 NELAC-NY10854,NJDEP,PADEP	03/02/2018 01:46	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	03/01/2018 08:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/02/2018 01:46	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	03/01/2018 08:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/02/2018 01:46	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	03/01/2018 08:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/02/2018 01:46	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	03/01/2018 08:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/02/2018 01:46	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	03/01/2018 08:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/02/2018 01:46	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	03/01/2018 08:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/02/2018 01:46	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	03/01/2018 08:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/02/2018 01:46	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	03/01/2018 08:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/02/2018 01:46	SR
95-57-8	2-Chlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	03/01/2018 08:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/02/2018 01:46	SR
91-57-6	**2-Methylnaphthalene**	**23.7**		ug/L	1.92	3.85	1	EPA 8270D Certifications:	03/01/2018 08:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/02/2018 01:46	SR
95-48-7	2-Methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	03/01/2018 08:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/02/2018 01:46	SR
88-74-4	2-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	03/01/2018 08:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/02/2018 01:46	SR
88-75-5	2-Nitrophenol	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	03/01/2018 08:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/02/2018 01:46	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	03/01/2018 08:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/02/2018 01:46	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	03/01/2018 08:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/02/2018 01:46	SR
99-09-2	3-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	03/01/2018 08:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/02/2018 01:46	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	03/01/2018 08:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/02/2018 01:46	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	03/01/2018 08:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/02/2018 01:46	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	03/01/2018 08:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/02/2018 01:46	SR
106-47-8	4-Chloroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D Certifications:	03/01/2018 08:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/02/2018 01:46	SR

Sample Information

Client Sample ID: MW112_022518 **York Sample ID:** 18B0987-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 10:30 am	02/26/2018

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
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D	03/01/2018 08:42	03/02/2018 01:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	03/01/2018 08:42	03/02/2018 01:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	3.85	3.85	1	EPA 8270D	03/01/2018 08:42	03/02/2018 01:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	1.92	3.85	1	EPA 8270D	03/01/2018 08:42	03/02/2018 01:46	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	1.92	3.85	1	EPA 8270D	03/01/2018 08:42	03/02/2018 01:46	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	1.92	3.85	1	EPA 8270D	03/01/2018 08:42	03/02/2018 01:46	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	3.85	3.85	1	EPA 8270D	03/01/2018 08:42	03/02/2018 01:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	19.2	38.5	1	EPA 8270D	03/01/2018 08:42	03/02/2018 01:46	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	1.92	3.85	1	EPA 8270D	03/01/2018 08:42	03/02/2018 01:46	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	03/01/2018 08:42	03/02/2018 01:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.92	3.85	1	EPA 8270D	03/01/2018 08:42	03/02/2018 01:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	0.769	3.85	1	EPA 8270D	03/01/2018 08:42	03/02/2018 01:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	1.92	3.85	1	EPA 8270D	03/01/2018 08:42	03/02/2018 01:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	1.92	3.85	1	EPA 8270D	03/01/2018 08:42	03/02/2018 01:46	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	1.92	3.85	1	EPA 8270D	03/01/2018 08:42	03/02/2018 01:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	1.92	3.85	1	EPA 8270D	03/01/2018 08:42	03/02/2018 01:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	03/01/2018 08:42	03/02/2018 01:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	03/01/2018 08:42	03/02/2018 01:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	03/01/2018 08:42	03/02/2018 01:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	03/01/2018 08:42	03/02/2018 01:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	03/01/2018 08:42	03/02/2018 01:46	SR
								Certifications:	NELAC-NY10854,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.85	7.69	1	EPA 8270D	03/01/2018 08:42	03/02/2018 01:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW112_022518 **York Sample ID:** 18B0987-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 10:30 am	02/26/2018

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
78-59-1	Isophorone	ND		ug/L	1.92	3.85	1	EPA 8270D	03/01/2018 08:42	03/02/2018 01:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	03/01/2018 08:42	03/02/2018 01:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	03/01/2018 08:42	03/02/2018 01:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	1.92	3.85	1	EPA 8270D	03/01/2018 08:42	03/02/2018 01:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	1.92	3.85	1	EPA 8270D	03/01/2018 08:42	03/02/2018 01:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*20.3 %*		*19.7-63.1*
4165-62-2	*Surrogate: Phenol-d5*	*10.0 %*	S-08	*10.1-41.7*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*36.2 %*	S-08	*50.2-113*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*49.7 %*		*39.9-105*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*81.2 %*		*39.3-151*
1718-51-0	*Surrogate: Terphenyl-d14*	*41.0 %*		*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
83-32-9	**Acenaphthene**	**0.0462**		ug/L	0.0385	1	EPA 8270D SIM	03/01/2018 08:42	03/01/2018 17:40	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/L	0.0385	1	EPA 8270D SIM	03/01/2018 08:42	03/01/2018 17:40	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.0385**		ug/L	0.0385	1	EPA 8270D SIM	03/01/2018 08:42	03/01/2018 17:40	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		ug/L	0.385	1	EPA 8270D SIM	03/01/2018 08:42	03/01/2018 17:40	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	03/01/2018 08:42	03/01/2018 17:40	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	03/01/2018 08:42	03/01/2018 17:40	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	03/01/2018 08:42	03/01/2018 17:40	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0385	1	EPA 8270D SIM	03/01/2018 08:42	03/01/2018 17:40	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	03/01/2018 08:42	03/01/2018 17:40	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.385	1	EPA 8270D SIM	03/01/2018 08:42	03/01/2018 17:40	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: MW112_022518 **York Sample ID:** 18B0987-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 10:30 am	02/26/2018

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
218-01-9	Chrysene	ND		ug/L	0.0385	1	EPA 8270D SIM	03/01/2018 08:42	03/01/2018 17:40	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	03/01/2018 08:42	03/01/2018 17:40	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	Fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	03/01/2018 08:42	03/01/2018 17:40	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	**Fluorene**	**0.0923**		ug/L	0.0385	1	EPA 8270D SIM	03/01/2018 08:42	03/01/2018 17:40	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0154	1	EPA 8270D SIM	03/01/2018 08:42	03/01/2018 17:40	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.385	1	EPA 8270D SIM	03/01/2018 08:42	03/01/2018 17:40	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.385	1	EPA 8270D SIM	03/01/2018 08:42	03/01/2018 17:40	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	03/01/2018 08:42	03/01/2018 17:40	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	**Naphthalene**	**133**		ug/L	3.85	100	EPA 8270D SIM	03/01/2018 08:42	03/01/2018 17:08	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.192	1	EPA 8270D SIM	03/01/2018 08:42	03/01/2018 17:40	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.385	1	EPA 8270D SIM	03/01/2018 08:42	03/01/2018 17:40	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.192	1	EPA 8270D SIM	03/01/2018 08:42	03/01/2018 17:40	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
85-01-8	**Phenanthrene**	**0.146**		ug/L	0.0385	1	EPA 8270D SIM	03/01/2018 08:42	03/01/2018 17:40	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	03/01/2018 08:42	03/01/2018 17:40	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, Tentatively Identified Cmpds.

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
NA	**Indane**	**34.6**	N	ug/L			1	EPA 8270D	03/01/2018 08:31	03/02/2018 01:46	SR
								Certifications:			
NA	**Tolylacetic acid**	**44.6**	N	ug/L			1	EPA 8270D	03/01/2018 08:31	03/02/2018 01:46	SR
								Certifications:			

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

Sample Information

Client Sample ID: MW112_022518 **York Sample ID:** 18B0987-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 10:30 am	02/26/2018

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	0.00500	1	EPA 8081B	02/27/2018 09:00	02/28/2018 13:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/L	0.00500	1	EPA 8081B	02/27/2018 09:00	02/28/2018 13:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/L	0.00500	1	EPA 8081B	02/27/2018 09:00	02/28/2018 13:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/L	0.00500	1	EPA 8081B	02/27/2018 09:00	02/28/2018 13:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/L	0.00500	1	EPA 8081B	02/27/2018 09:00	02/28/2018 13:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00500	1	EPA 8081B	02/27/2018 09:00	02/28/2018 13:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/L	0.00500	1	EPA 8081B	02/27/2018 09:00	02/28/2018 13:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		ug/L	0.0250	1	EPA 8081B	02/27/2018 09:00	02/28/2018 13:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/L	0.00500	1	EPA 8081B	02/27/2018 09:00	02/28/2018 13:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/L	0.00250	1	EPA 8081B	02/27/2018 09:00	02/28/2018 13:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/L	0.00500	1	EPA 8081B	02/27/2018 09:00	02/28/2018 13:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/L	0.00500	1	EPA 8081B	02/27/2018 09:00	02/28/2018 13:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00500	1	EPA 8081B	02/27/2018 09:00	02/28/2018 13:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/L	0.00500	1	EPA 8081B	02/27/2018 09:00	02/28/2018 13:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0125	1	EPA 8081B	02/27/2018 09:00	02/28/2018 13:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0125	1	EPA 8081B	02/27/2018 09:00	02/28/2018 13:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00500	1	EPA 8081B	02/27/2018 09:00	02/28/2018 13:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0125	1	EPA 8081B	02/27/2018 09:00	02/28/2018 13:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00500	1	EPA 8081B	02/27/2018 09:00	02/28/2018 13:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00500	1	EPA 8081B	02/27/2018 09:00	02/28/2018 13:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00500	1	EPA 8081B	02/27/2018 09:00	02/28/2018 13:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW112_022518 **York Sample ID:** 18B0987-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 10:30 am	02/26/2018

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
8001-35-2	Toxaphene	ND		ug/L	0.125	1	EPA 8081B	02/27/2018 09:00	02/28/2018 13:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*30.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)

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	0.0625	1	EPA 8082A	02/27/2018 09:00	03/01/2018 09:38	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0625	1	EPA 8082A	02/27/2018 09:00	03/01/2018 09:38	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0625	1	EPA 8082A	02/27/2018 09:00	03/01/2018 09:38	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0625	1	EPA 8082A	02/27/2018 09:00	03/01/2018 09:38	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0625	1	EPA 8082A	02/27/2018 09:00	03/01/2018 09:38	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0625	1	EPA 8082A	02/27/2018 09:00	03/01/2018 09:38	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		ug/L	0.0625	1	EPA 8082A	02/27/2018 09:00	03/01/2018 09:38	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		ug/L	0.0625	1	EPA 8082A	02/27/2018 09:00	03/01/2018 09:38	SA
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*35.1 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*57.9 %*	*30-120*

Herbicides, Target List

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
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	03/02/2018 05:08	03/02/2018 13:39	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	03/02/2018 05:08	03/02/2018 13:39	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	03/02/2018 05:08	03/02/2018 13:39	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: MW112_022518 **York Sample ID:** 18B0987-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 10:30 am	02/26/2018

Herbicides, Target List

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
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*126 %*			*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**	**3.68**		mg/L	0.0556	1	EPA 6010C	02/27/2018 10:02	03/02/2018 13:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.615**		mg/L	0.0111	1	EPA 6010C	02/27/2018 10:02	03/02/2018 13:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**175**		mg/L	0.0556	1	EPA 6010C	02/27/2018 10:02	03/02/2018 13:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**0.113**		mg/L	0.00556	1	EPA 6010C	02/27/2018 10:02	03/02/2018 13:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**0.0374**	B	mg/L	0.00556	1	EPA 6010C	02/27/2018 10:02	03/02/2018 13:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**12.3**		mg/L	0.0222	1	EPA 6010C	02/27/2018 10:02	03/02/2018 13:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**0.0949**		mg/L	0.00556	1	EPA 6010C	02/27/2018 10:02	03/02/2018 13:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**57.7**		mg/L	0.0556	1	EPA 6010C	02/27/2018 10:02	03/02/2018 13:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**2.09**		mg/L	0.00556	1	EPA 6010C	02/27/2018 10:02	03/02/2018 13:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**0.121**		mg/L	0.00556	1	EPA 6010C	02/27/2018 10:02	03/02/2018 13:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**8.12**		mg/L	0.0556	1	EPA 6010C	02/27/2018 10:02	03/02/2018 13:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	02/27/2018 10:02	03/02/2018 13:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**137**		mg/L	0.111	1	EPA 6010C	02/27/2018 10:02	03/02/2018 13:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**0.0135**		mg/L	0.0111	1	EPA 6010C	02/27/2018 10:02	03/02/2018 13:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.111**		mg/L	0.0167	1	EPA 6010C	02/27/2018 10:02	03/02/2018 13:49	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 6010C	03/01/2018 09:29	03/02/2018 13:58	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW112_022518 **York Sample ID:** 18B0987-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 10:30 am	02/26/2018

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
7440-39-3	**Barium**	**0.450**		mg/L	0.0111	1	EPA 6010C	03/01/2018 09:29	03/02/2018 13:58	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**127**		mg/L	0.0556	1	EPA 6010C	03/01/2018 09:29	03/02/2018 13:58	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C	03/01/2018 09:29	03/02/2018 13:58	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**0.00598**		mg/L	0.00556	1	EPA 6010C	03/01/2018 09:29	03/02/2018 13:58	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**1.36**		mg/L	0.0222	1	EPA 6010C	03/01/2018 09:29	03/02/2018 13:58	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010C	03/01/2018 09:29	03/02/2018 13:58	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**43.3**		mg/L	0.0556	1	EPA 6010C	03/01/2018 09:29	03/02/2018 13:58	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**1.01**		mg/L	0.00556	1	EPA 6010C	03/01/2018 09:29	03/02/2018 13:58	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C	03/01/2018 09:29	03/02/2018 13:58	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**6.34**		mg/L	0.0556	1	EPA 6010C	03/01/2018 09:29	03/02/2018 13:58	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	03/01/2018 09:29	03/02/2018 13:58	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**131**		mg/L	0.111	1	EPA 6010C	03/01/2018 09:29	03/02/2018 13:58	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	03/01/2018 09:29	03/02/2018 13:58	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0167	1	EPA 6010C	03/01/2018 09:29	03/02/2018 13:58	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		mg/L	0.00111	1	EPA 6020A	02/27/2018 10:08	02/27/2018 15:08	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**0.00352**		mg/L	0.00111	1	EPA 6020A	02/27/2018 10:08	02/27/2018 15:08	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	02/27/2018 10:08	02/27/2018 15:08	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	02/27/2018 10:08	02/27/2018 15:08	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**0.00386**		mg/L	0.00111	1	EPA 6020A	02/27/2018 10:08	02/27/2018 15:08	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW112_022518 **York Sample ID:** 18B0987-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 10:30 am	02/26/2018

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 6020A	02/27/2018 10:08	02/27/2018 15:08	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		mg/L	0.00111	1	EPA 6020A	03/01/2018 09:33	03/02/2018 12:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**0.00119**		mg/L	0.00111	1	EPA 6020A	03/01/2018 09:33	03/02/2018 12:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	03/01/2018 09:33	03/02/2018 12:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	03/01/2018 09:33	03/02/2018 12:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020A	03/01/2018 09:33	03/02/2018 12:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020A	03/01/2018 09:33	03/02/2018 12:32	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	02/28/2018 11:18	02/28/2018 13:01	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	03/02/2018 08:41	03/02/2018 09:48	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	HT-02	mg/L	0.0100	1	EPA 7196A	02/28/2018 10:33	02/28/2018 11:56	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Chromium, Trivalent

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

Sample Information

Client Sample ID: MW112_022518 **York Sample ID:** 18B0987-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 10:30 am	02/26/2018

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	0.113		mg/L	0.0100	1	Calculation Certifications:	03/02/2018 15:24	03/02/2018 17:24	PAM

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 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/27/2018 08:11	02/27/2018 17:38	AD

Analyzed by: Con-Test Analytical Laboratory

Semi-Volatiles, 1,4-Dioxane by 8270-SIM (SUB) **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	0.21	1	SW-846 8270D Certifications:	02/28/2018 00:00	03/02/2018 00:00	

Analyzed by: TestAmerica West Sacramento

PFAS in Water by EPA 537 **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
	Perfluoropentanoic acid (PFPeA)	See attached		ng/L	See attach	1	537 (modified) Certifications:	03/09/2018 00:00	03/15/2018 00:00	TA Ca
375-73-5	Perfluorobutanesulfonic acid (PFBS)	See attached		ng/L	See attach	1	537 (modified) Certifications:	03/09/2018 00:00	03/15/2018 00:00	TA Ca
307-24-4	Perfluorohexanoic acid (PFHxA)	See attached		ng/L	See attach	1	537 (modified) Certifications:	03/09/2018 00:00	03/15/2018 00:00	TA Ca
375-85-9	Perfluoroheptanoic acid (PFHpA)	See attached		ng/L	See attach	1	537 (modified) Certifications:	03/09/2018 00:00	03/15/2018 00:00	TA Ca
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	See attached		ng/L	See attach	1	537 (modified) Certifications:	03/09/2018 00:00	03/15/2018 00:00	TA Ca
335-67-1	Perfluorooctanoic acid (PFOA)	See attached		ng/L	See attach	1	537 (modified) Certifications:	03/09/2018 00:00	03/15/2018 00:00	TA Ca
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	See attached		ng/L	See attach	1	537 (modified) Certifications:	03/09/2018 00:00	03/15/2018 00:00	TA Ca
375-95-1	Perfluorononanoic acid (PFNA)	See attached		ng/L	See attach	1	537 (modified) Certifications:	03/09/2018 00:00	03/15/2018 00:00	TA Ca
335-76-2	Perfluorodecanoic acid (PFDA)	See attached		ng/L	See attach	1	537 (modified) Certifications:	03/09/2018 00:00	03/15/2018 00:00	TA Ca

Sample Information

Client Sample ID: MW112_022518 **York Sample ID:** 18B0987-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 10:30 am	02/26/2018

Analyzed by: TestAmerica West Sacramento

PFAS in Water by EPA 537 **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
	NMeFOSAA	See attached		ng/L	See attach	1	537 (modified) Certifications:	03/09/2018 00:00	03/15/2018 00:00	TA Ca
2058-94-8	Perfluoroundecanoic acid (PFUnA)	See attached		ng/L	See attach	1	537 (modified) Certifications:	03/09/2018 00:00	03/15/2018 00:00	TA Ca
	NEtFOSAA	See attached		ng/L	See attach	1	537 (modified) Certifications:	03/09/2018 00:00	03/15/2018 00:00	TA Ca
307-55-1	Perfluorododecanoic acid (PFDoA)	See attached		ng/L	See attach	1	537 (modified) Certifications:	03/09/2018 00:00	03/15/2018 00:00	TA Ca
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	See attached		ng/L	See attach	1	537 (modified) Certifications:	03/09/2018 00:00	03/15/2018 00:00	TA Ca
376-06-7	Perfluorotetradecanoic acid (PFTA)	See attached		ng/L	See attach	1	537 (modified) Certifications:	03/09/2018 00:00	03/15/2018 00:00	TA Ca

Surrogate Recoveries	Result	Acceptance Range
Surrogate: 13C-PFHxA	*%*	*70-130*
Surrogate: 13C-PFDA	*%*	*70-130*
Surrogate: d5-NEtFOSAA	*%*	*70-130*

Sample Information

Client Sample ID: MW111_022518 **York Sample ID:** 18B0987-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 1:45 pm	02/26/2018

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	02/28/2018 15:42	03/01/2018 02:53	RDS
								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	02/28/2018 15:42	03/01/2018 02:53	RDS
								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	02/28/2018 15:42	03/01/2018 02:53	RDS
								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	02/28/2018 15:42	03/01/2018 02:53	RDS
								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	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								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	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	**1,2,4-Trimethylbenzene**	**0.300**		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								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	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								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	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW111_022518 **York Sample ID:** 18B0987-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 1:45 pm	02/26/2018

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	02/28/2018 15:42	03/01/2018 02:53	RDS
								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	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**1.63**		ug/L	1.00	2.00	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	**Chloroform**	**0.980**		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	**cis-1,2-Dichloroethylene**	**0.320**		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								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	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW111_022518 **York Sample ID:** 18B0987-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 1:45 pm	02/26/2018

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	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								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	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								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	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	**Tetrachloroethylene**	**0.490**	CCV-E	ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								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	02/28/2018 15:42	03/01/2018 02:53	RDS
								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	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	**Trichloroethylene**	**18.1**		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW111_022518 **York Sample ID:** 18B0987-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 1:45 pm	02/26/2018

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	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
2037-26-5	*Surrogate: Toluene-d8*	*98.7 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.9 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L		1	EPA 8260C	02/28/2018 15:42	03/01/2018 02:53	RDS
							Certifications:			

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	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW111_022518 **York Sample ID:** 18B0987-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 1:45 pm	02/26/2018

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
95-57-8	2-Chlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	3.85	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	3.85	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	19.2	38.5	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW111_022518 **York Sample ID:** 18B0987-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 1:45 pm	02/26/2018

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
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	0.769	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	NELAC-NY10854,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.85	7.69	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*21.8 %*	*19.7-63.1*
4165-62-2	*Surrogate: Phenol-d5*	*13.7 %*	*10.1-41.7*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*52.9 %*	*50.2-113*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*51.2 %*	*39.9-105*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*82.3 %*	*39.3-151*
1718-51-0	*Surrogate: Terphenyl-d14*	*40.5 %*	*30.7-106*

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

Sample Information

Client Sample ID: MW111_022518 **York Sample ID:** 18B0987-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 1:45 pm	02/26/2018

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	0.0385	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:18	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:18	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-12-7	Anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:18	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1912-24-9	Atrazine	ND		ug/L	0.385	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:18	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:18	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:18	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:18	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:18	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:18	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.385	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:18	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
218-01-9	Chrysene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:18	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:18	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	Fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:18	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:18	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0154	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:18	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.385	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:18	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.385	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:18	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:18	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	**Naphthalene**	**0.0462**		ug/L	0.0385	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:18	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.192	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:18	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.385	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:18	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.192	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:18	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
85-01-8	Phenanthrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:18	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW111_022518 **York Sample ID:** 18B0987-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 1:45 pm	02/26/2018

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
129-00-0	Pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:18	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.00		ug/L			1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:07	SR
								Certifications:			

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	02/27/2018 09:00	02/27/2018 23:53	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		ug/L	0.00471	1	EPA 8081B	02/27/2018 09:00	02/27/2018 23:53	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-29-3	4,4'-DDT	ND		ug/L	0.00471	1	EPA 8081B	02/27/2018 09:00	02/27/2018 23:53	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		ug/L	0.00471	1	EPA 8081B	02/27/2018 09:00	02/27/2018 23:53	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		ug/L	0.00471	1	EPA 8081B	02/27/2018 09:00	02/27/2018 23:53	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00471	1	EPA 8081B	02/27/2018 09:00	02/27/2018 23:53	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-85-7	beta-BHC	ND		ug/L	0.00471	1	EPA 8081B	02/27/2018 09:00	02/27/2018 23:53	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	Chlordane, total	ND		ug/L	0.0235	1	EPA 8081B	02/27/2018 09:00	02/27/2018 23:53	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		ug/L	0.00471	1	EPA 8081B	02/27/2018 09:00	02/27/2018 23:53	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		ug/L	0.00235	1	EPA 8081B	02/27/2018 09:00	02/27/2018 23:53	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		ug/L	0.00471	1	EPA 8081B	02/27/2018 09:00	02/27/2018 23:53	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		ug/L	0.00471	1	EPA 8081B	02/27/2018 09:00	02/27/2018 23:53	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00471	1	EPA 8081B	02/27/2018 09:00	02/27/2018 23:53	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		ug/L	0.00471	1	EPA 8081B	02/27/2018 09:00	02/27/2018 23:53	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW111_022518 **York Sample ID:** 18B0987-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 1:45 pm	02/26/2018

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
7421-93-4	Endrin aldehyde	ND		ug/L	0.0118	1	EPA 8081B	02/27/2018 09:00	02/27/2018 23:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0118	1	EPA 8081B	02/27/2018 09:00	02/27/2018 23:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00471	1	EPA 8081B	02/27/2018 09:00	02/27/2018 23:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0118	1	EPA 8081B	02/27/2018 09:00	02/27/2018 23:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00471	1	EPA 8081B	02/27/2018 09:00	02/27/2018 23:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00471	1	EPA 8081B	02/27/2018 09:00	02/27/2018 23:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00471	1	EPA 8081B	02/27/2018 09:00	02/27/2018 23:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.118	1	EPA 8081B	02/27/2018 09:00	02/27/2018 23:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*67.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.6 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0588	1	EPA 8082A	02/27/2018 09:00	02/28/2018 11:55	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0588	1	EPA 8082A	02/27/2018 09:00	02/28/2018 11:55	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0588	1	EPA 8082A	02/27/2018 09:00	02/28/2018 11:55	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0588	1	EPA 8082A	02/27/2018 09:00	02/28/2018 11:55	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0588	1	EPA 8082A	02/27/2018 09:00	02/28/2018 11:55	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0588	1	EPA 8082A	02/27/2018 09:00	02/28/2018 11:55	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		ug/L	0.0588	1	EPA 8082A	02/27/2018 09:00	02/28/2018 11:55	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		ug/L	0.0588	1	EPA 8082A	02/27/2018 09:00	02/28/2018 11:55	LAB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.2 %*	*30-120*

Sample Information

Client Sample ID: MW111_022518 **York Sample ID:** 18B0987-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 1:45 pm	02/26/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*74.6 %*			*30-120*					

Herbicides, Target List

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
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	03/02/2018 05:08	03/02/2018 13:52	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	03/02/2018 05:08	03/02/2018 13:52	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	03/02/2018 05:08	03/02/2018 13:52	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*128 %*	*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**	**0.834**		mg/L	0.0556	1	EPA 6010C	02/27/2018 10:02	03/02/2018 15:57	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.255**		mg/L	0.0111	1	EPA 6010C	02/27/2018 10:02	03/02/2018 15:57	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**130**		mg/L	0.0556	1	EPA 6010C	02/27/2018 10:02	03/02/2018 15:57	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**0.0128**		mg/L	0.00556	1	EPA 6010C	02/27/2018 10:02	03/02/2018 15:57	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**0.0149**	B	mg/L	0.00556	1	EPA 6010C	02/27/2018 10:02	03/02/2018 15:57	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**2.85**		mg/L	0.0222	1	EPA 6010C	02/27/2018 10:02	03/02/2018 15:57	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**0.00563**		mg/L	0.00556	1	EPA 6010C	02/27/2018 10:02	03/02/2018 15:57	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**40.8**		mg/L	0.0556	1	EPA 6010C	02/27/2018 10:02	03/02/2018 15:57	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**1.17**		mg/L	0.00556	1	EPA 6010C	02/27/2018 10:02	03/02/2018 15:57	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**0.0250**		mg/L	0.00556	1	EPA 6010C	02/27/2018 10:02	03/02/2018 15:57	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**7.64**		mg/L	0.0556	1	EPA 6010C	02/27/2018 10:02	03/02/2018 15:57	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW111_022518 **York Sample ID:** 18B0987-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 1:45 pm	02/26/2018

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	02/27/2018 10:02	03/02/2018 15:57	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**91.1**		mg/L	0.111	1	EPA 6010C	02/27/2018 10:02	03/02/2018 15:57	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	02/27/2018 10:02	03/02/2018 15:57	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**0.0213**		mg/L	0.0167	1	EPA 6010C	02/27/2018 10:02	03/02/2018 15:57	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 6010C	03/01/2018 09:29	03/02/2018 15:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.249**		mg/L	0.0111	1	EPA 6010C	03/01/2018 09:29	03/02/2018 15:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**126**		mg/L	0.0556	1	EPA 6010C	03/01/2018 09:29	03/02/2018 15:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C	03/01/2018 09:29	03/02/2018 15:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	Copper	ND		mg/L	0.00556	1	EPA 6010C	03/01/2018 09:29	03/02/2018 15:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**0.289**		mg/L	0.0222	1	EPA 6010C	03/01/2018 09:29	03/02/2018 15:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010C	03/01/2018 09:29	03/02/2018 15:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**38.6**		mg/L	0.0556	1	EPA 6010C	03/01/2018 09:29	03/02/2018 15:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**0.952**		mg/L	0.00556	1	EPA 6010C	03/01/2018 09:29	03/02/2018 15:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**0.0115**		mg/L	0.00556	1	EPA 6010C	03/01/2018 09:29	03/02/2018 15:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**7.96**		mg/L	0.0556	1	EPA 6010C	03/01/2018 09:29	03/02/2018 15:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	03/01/2018 09:29	03/02/2018 15:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**92.2**		mg/L	0.111	1	EPA 6010C	03/01/2018 09:29	03/02/2018 15:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	03/01/2018 09:29	03/02/2018 15:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	Zinc	ND		mg/L	0.0167	1	EPA 6010C	03/01/2018 09:29	03/02/2018 15:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW111_022518 **York Sample ID:** 18B0987-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 1:45 pm	02/26/2018

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 6020A	02/27/2018 10:08	02/27/2018 15:12	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**0.00119**		mg/L	0.00111	1	EPA 6020A	02/27/2018 10:08	02/27/2018 15:12	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	02/27/2018 10:08	02/27/2018 15:12	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	02/27/2018 10:08	02/27/2018 15:12	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**0.00406**		mg/L	0.00111	1	EPA 6020A	02/27/2018 10:08	02/27/2018 15:12	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020A	02/27/2018 10:08	02/27/2018 15:12	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		mg/L	0.00111	1	EPA 6020A	03/01/2018 09:33	03/02/2018 12:44	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020A	03/01/2018 09:33	03/02/2018 12:44	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	03/01/2018 09:33	03/02/2018 12:44	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	03/01/2018 09:33	03/02/2018 12:44	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**0.00279**		mg/L	0.00111	1	EPA 6020A	03/01/2018 09:33	03/02/2018 12:44	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020A	03/01/2018 09:33	03/02/2018 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	02/28/2018 11:18	02/28/2018 14:12	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	03/02/2018 08:41	03/02/2018 11:00	SY
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW111_022518 **York Sample ID:** 18B0987-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 1:45 pm	02/26/2018

Chromium, Hexavalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-02	mg/L	0.0100	1	EPA 7196A	02/28/2018 10:33	02/28/2018 11:56	TJM
							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**	**0.0128**		mg/L	0.0100	1	Calculation	03/02/2018 15:24	03/02/2018 17:24	PAM
							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	02/27/2018 08:11	02/27/2018 17:38	AD
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: GWFB03_022518 **York Sample ID:** 18B0987-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 12:00 pm	02/26/2018

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	02/28/2018 15:42	03/01/2018 01:04	RDS
								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	02/28/2018 15:42	03/01/2018 01:04	RDS
								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	02/28/2018 15:42	03/01/2018 01:04	RDS
								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	02/28/2018 15:42	03/01/2018 01:04	RDS
								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	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								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	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								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	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								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	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB03_022518 **York Sample ID:** 18B0987-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 12:00 pm	02/26/2018

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	02/28/2018 15:42	03/01/2018 01:04	RDS
								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	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**1.05**		ug/L	1.00	2.00	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								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	02/28/2018 15:42	03/01/2018 01:04	RDS
								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	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB03_022518 **York Sample ID:** 18B0987-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 12:00 pm	02/26/2018

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	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								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	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								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	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								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	02/28/2018 15:42	03/01/2018 01:04	RDS
								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	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB03_022518 **York Sample ID:** 18B0987-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 12:00 pm	02/26/2018

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	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
2037-26-5	*Surrogate: Toluene-d8*	*95.6 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.8 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L		1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:04	RDS
							Certifications:			

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	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB03_022518 **York Sample ID:** 18B0987-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 12:00 pm	02/26/2018

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
95-57-8	2-Chlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	3.85	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	3.85	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	19.2	38.5	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB03_022518 **York Sample ID:** 18B0987-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 12:00 pm	02/26/2018

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
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	0.769	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	NELAC-NY10854,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.85	7.69	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*24.2 %*	*19.7-63.1*
4165-62-2	*Surrogate: Phenol-d5*	*15.0 %*	*10.1-41.7*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*60.5 %*	*50.2-113*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*55.0 %*	*39.9-105*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*89.1 %*	*39.3-151*
1718-51-0	*Surrogate: Terphenyl-d14*	*41.1 %*	*30.7-106*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: GWFB03_022518 **York Sample ID:** 18B0987-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 12:00 pm	02/26/2018

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	0.0385	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:49	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:49	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-12-7	Anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:49	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1912-24-9	Atrazine	ND		ug/L	0.385	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:49	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:49	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:49	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:49	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:49	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:49	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.385	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:49	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
218-01-9	Chrysene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:49	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:49	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	Fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:49	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:49	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0154	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:49	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.385	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:49	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.385	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:49	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:49	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	**Naphthalene**	**0.131**		ug/L	0.0385	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:49	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.192	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:49	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.385	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:49	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.192	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:49	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
85-01-8	Phenanthrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:49	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: GWFB03_022518 **York Sample ID:** 18B0987-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 12:00 pm	02/26/2018

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
129-00-0	Pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/27/2018 08:51	02/27/2018 16:49	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.00		ug/L			1	EPA 8270D	02/27/2018 08:51	02/28/2018 13:55	SR
								Certifications:			

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	02/27/2018 09:00	02/28/2018 00:08	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		ug/L	0.00500	1	EPA 8081B	02/27/2018 09:00	02/28/2018 00:08	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-29-3	4,4'-DDT	ND		ug/L	0.00500	1	EPA 8081B	02/27/2018 09:00	02/28/2018 00:08	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		ug/L	0.00500	1	EPA 8081B	02/27/2018 09:00	02/28/2018 00:08	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		ug/L	0.00500	1	EPA 8081B	02/27/2018 09:00	02/28/2018 00:08	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00500	1	EPA 8081B	02/27/2018 09:00	02/28/2018 00:08	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-85-7	beta-BHC	ND		ug/L	0.00500	1	EPA 8081B	02/27/2018 09:00	02/28/2018 00:08	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	Chlordane, total	ND		ug/L	0.0250	1	EPA 8081B	02/27/2018 09:00	02/28/2018 00:08	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		ug/L	0.00500	1	EPA 8081B	02/27/2018 09:00	02/28/2018 00:08	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		ug/L	0.00250	1	EPA 8081B	02/27/2018 09:00	02/28/2018 00:08	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		ug/L	0.00500	1	EPA 8081B	02/27/2018 09:00	02/28/2018 00:08	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		ug/L	0.00500	1	EPA 8081B	02/27/2018 09:00	02/28/2018 00:08	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00500	1	EPA 8081B	02/27/2018 09:00	02/28/2018 00:08	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		ug/L	0.00500	1	EPA 8081B	02/27/2018 09:00	02/28/2018 00:08	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: GWFB03_022518 **York Sample ID:** 18B0987-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 12:00 pm	02/26/2018

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
7421-93-4	Endrin aldehyde	ND		ug/L	0.0125	1	EPA 8081B	02/27/2018 09:00	02/28/2018 00:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0125	1	EPA 8081B	02/27/2018 09:00	02/28/2018 00:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00500	1	EPA 8081B	02/27/2018 09:00	02/28/2018 00:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0125	1	EPA 8081B	02/27/2018 09:00	02/28/2018 00:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00500	1	EPA 8081B	02/27/2018 09:00	02/28/2018 00:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00500	1	EPA 8081B	02/27/2018 09:00	02/28/2018 00:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00500	1	EPA 8081B	02/27/2018 09:00	02/28/2018 00:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.125	1	EPA 8081B	02/27/2018 09:00	02/28/2018 00:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.1 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0625	1	EPA 8082A	02/27/2018 09:00	02/28/2018 12:19	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0625	1	EPA 8082A	02/27/2018 09:00	02/28/2018 12:19	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0625	1	EPA 8082A	02/27/2018 09:00	02/28/2018 12:19	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0625	1	EPA 8082A	02/27/2018 09:00	02/28/2018 12:19	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0625	1	EPA 8082A	02/27/2018 09:00	02/28/2018 12:19	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0625	1	EPA 8082A	02/27/2018 09:00	02/28/2018 12:19	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		ug/L	0.0625	1	EPA 8082A	02/27/2018 09:00	02/28/2018 12:19	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		ug/L	0.0625	1	EPA 8082A	02/27/2018 09:00	02/28/2018 12:19	LAB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.1 %*	*30-120*

Sample Information

Client Sample ID: GWFB03_022518 **York Sample ID:** 18B0987-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 12:00 pm	02/26/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*90.9 %*			*30-120*					

Herbicides, Target List

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
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	03/02/2018 05:08	03/02/2018 14:05	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	03/02/2018 05:08	03/02/2018 14:05	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	03/02/2018 05:08	03/02/2018 14:05	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*120 %*	*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 6010C	02/27/2018 10:02	03/02/2018 15:59	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	Barium	ND		mg/L	0.0111	1	EPA 6010C	02/27/2018 10:02	03/02/2018 15:59	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**0.290**		mg/L	0.0556	1	EPA 6010C	02/27/2018 10:02	03/02/2018 15:59	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C	02/27/2018 10:02	03/02/2018 15:59	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	Copper	ND		mg/L	0.00556	1	EPA 6010C	02/27/2018 10:02	03/02/2018 15:59	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	Iron	ND		mg/L	0.0222	1	EPA 6010C	02/27/2018 10:02	03/02/2018 15:59	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010C	02/27/2018 10:02	03/02/2018 15:59	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010C	02/27/2018 10:02	03/02/2018 15:59	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010C	02/27/2018 10:02	03/02/2018 15:59	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**0.0149**		mg/L	0.00556	1	EPA 6010C	02/27/2018 10:02	03/02/2018 15:59	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**0.182**		mg/L	0.0556	1	EPA 6010C	02/27/2018 10:02	03/02/2018 15:59	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: GWFB03_022518 **York Sample ID:** 18B0987-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 12:00 pm	02/26/2018

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	02/27/2018 10:02	03/02/2018 15:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**0.330**		mg/L	0.111	1	EPA 6010C	02/27/2018 10:02	03/02/2018 15:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	02/27/2018 10:02	03/02/2018 15:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.0223**		mg/L	0.0167	1	EPA 6010C	02/27/2018 10:02	03/02/2018 15:59	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 6010C	03/01/2018 09:29	03/02/2018 15:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	Barium	ND		mg/L	0.0111	1	EPA 6010C	03/01/2018 09:29	03/02/2018 15:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	Calcium	ND		mg/L	0.0556	1	EPA 6010C	03/01/2018 09:29	03/02/2018 15:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C	03/01/2018 09:29	03/02/2018 15:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.00556	1	EPA 6010C	03/01/2018 09:29	03/02/2018 15:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	Iron	ND		mg/L	0.0222	1	EPA 6010C	03/01/2018 09:29	03/02/2018 15:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010C	03/01/2018 09:29	03/02/2018 15:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010C	03/01/2018 09:29	03/02/2018 15:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010C	03/01/2018 09:29	03/02/2018 15:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C	03/01/2018 09:29	03/02/2018 15:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**0.443**		mg/L	0.0556	1	EPA 6010C	03/01/2018 09:29	03/02/2018 15:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	03/01/2018 09:29	03/02/2018 15:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**0.467**		mg/L	0.111	1	EPA 6010C	03/01/2018 09:29	03/02/2018 15:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	03/01/2018 09:29	03/02/2018 15:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0167	1	EPA 6010C	03/01/2018 09:29	03/02/2018 15:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB03_022518 **York Sample ID:** 18B0987-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 12:00 pm	02/26/2018

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 6020A	02/27/2018 10:08	02/27/2018 15:16	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020A	02/27/2018 10:08	02/27/2018 15:16	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	02/27/2018 10:08	02/27/2018 15:16	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	02/27/2018 10:08	02/27/2018 15:16	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020A	02/27/2018 10:08	02/27/2018 15:16	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020A	02/27/2018 10:08	02/27/2018 15:16	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	ND		mg/L	0.00111	1	EPA 6020A	03/01/2018 09:33	03/02/2018 12:48	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020A	03/01/2018 09:33	03/02/2018 12:48	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	03/01/2018 09:33	03/02/2018 12:48	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	03/01/2018 09:33	03/02/2018 12:48	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020A	03/01/2018 09:33	03/02/2018 12:48	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020A	03/01/2018 09:33	03/02/2018 12:48	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	02/28/2018 11:18	02/28/2018 14:20	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	03/02/2018 08:41	03/02/2018 11:09	SY
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: GWFB03_022518 **York Sample ID:** 18B0987-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 12:00 pm	02/26/2018

Chromium, Hexavalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-02	mg/L	0.0100	1	EPA 7196A	02/28/2018 10:33	02/28/2018 11:56	TJM
							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	03/02/2018 15:24	03/02/2018 17:24	PAM
							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	02/27/2018 08:11	02/27/2018 17:38	AD
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Analyzed by: Con-Test Analytical Laboratory

Semi-Volatiles, 1,4-Dioxane by 8270-SIM (SUB)

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	0.21	1	SW-846 8270D	02/28/2018 00:00	03/02/2018 00:00	
							Certifications:			

Analyzed by: TestAmerica West Sacramento

PFAS in Water by EPA 537

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
	Perfluoropentanoic acid (PFPeA)	See attached		ng/L	See attach	1	537 (modified)	03/09/2018 00:00	03/15/2018 00:00	TA Ca
							Certifications:			
375-73-5	Perfluorobutanesulfonic acid (PFBS)	See attached		ng/L	See attach	1	537 (modified)	03/09/2018 00:00	03/15/2018 00:00	TA Ca
							Certifications:			
307-24-4	Perfluorohexanoic acid (PFHxA)	See attached		ng/L	See attach	1	537 (modified)	03/09/2018 00:00	03/15/2018 00:00	TA Ca
							Certifications:			
375-85-9	Perfluoroheptanoic acid (PFHpA)	See attached		ng/L	See attach	1	537 (modified)	03/09/2018 00:00	03/15/2018 00:00	TA Ca
							Certifications:			

Sample Information

Client Sample ID: GWFB03_022518 **York Sample ID:** 18B0987-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 12:00 pm	02/26/2018

Analyzed by: TestAmerica West Sacramento

PFAS in Water by EPA 537 **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
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	See attached		ng/L	See attach	1	537 (modified) Certifications:	03/09/2018 00:00	03/15/2018 00:00	TA Ca
335-67-1	Perfluorooctanoic acid (PFOA)	See attached		ng/L	See attach	1	537 (modified) Certifications:	03/09/2018 00:00	03/15/2018 00:00	TA Ca
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	See attached		ng/L	See attach	1	537 (modified) Certifications:	03/09/2018 00:00	03/15/2018 00:00	TA Ca
375-95-1	Perfluorononanoic acid (PFNA)	See attached		ng/L	See attach	1	537 (modified) Certifications:	03/09/2018 00:00	03/15/2018 00:00	TA Ca
335-76-2	Perfluorodecanoic acid (PFDA)	See attached		ng/L	See attach	1	537 (modified) Certifications:	03/09/2018 00:00	03/15/2018 00:00	TA Ca
	NMeFOSAA	See attached		ng/L	See attach	1	537 (modified) Certifications:	03/09/2018 00:00	03/15/2018 00:00	TA Ca
2058-94-8	Perfluoroundecanoic acid (PFUnA)	See attached		ng/L	See attach	1	537 (modified) Certifications:	03/09/2018 00:00	03/15/2018 00:00	TA Ca
	NEtFOSAA	See attached		ng/L	See attach	1	537 (modified) Certifications:	03/09/2018 00:00	03/15/2018 00:00	TA Ca
307-55-1	Perfluorododecanoic acid (PFDoA)	See attached		ng/L	See attach	1	537 (modified) Certifications:	03/09/2018 00:00	03/15/2018 00:00	TA Ca
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	See attached		ng/L	See attach	1	537 (modified) Certifications:	03/09/2018 00:00	03/15/2018 00:00	TA Ca
376-06-7	Perfluorotetradecanoic acid (PFTA)	See attached		ng/L	See attach	1	537 (modified) Certifications:	03/09/2018 00:00	03/15/2018 00:00	TA Ca

Surrogate Recoveries	Result	Acceptance Range
Surrogate: 13C-PFHxA	*%*	*70-130*
Surrogate: 13C-PFDA	*%*	*70-130*
Surrogate: d5-NEtFOSAA	*%*	*70-130*

Sample Information

Client Sample ID: MW106_022518 **York Sample ID:** 18B0987-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 3:30 pm	02/26/2018

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010C	03/01/2018 09:29	03/02/2018 15:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.0313**		mg/L	0.0111	1	EPA 6010C	03/01/2018 09:29	03/02/2018 15:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**16.2**		mg/L	0.0556	1	EPA 6010C	03/01/2018 09:29	03/02/2018 15:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C	03/01/2018 09:29	03/02/2018 15:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.00556	1	EPA 6010C	03/01/2018 09:29	03/02/2018 15:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	Iron	ND		mg/L	0.0222	1	EPA 6010C	03/01/2018 09:29	03/02/2018 15:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010C	03/01/2018 09:29	03/02/2018 15:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**1.40**		mg/L	0.0556	1	EPA 6010C	03/01/2018 09:29	03/02/2018 15:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.0822**		mg/L	0.00556	1	EPA 6010C	03/01/2018 09:29	03/02/2018 15:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C	03/01/2018 09:29	03/02/2018 15:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**2.92**		mg/L	0.0556	1	EPA 6010C	03/01/2018 09:29	03/02/2018 15:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	03/01/2018 09:29	03/02/2018 15:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**62.1**		mg/L	0.111	1	EPA 6010C	03/01/2018 09:29	03/02/2018 15:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	03/01/2018 09:29	03/02/2018 15:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0167	1	EPA 6010C	03/01/2018 09:29	03/02/2018 15:54	KML
							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		mg/L	0.00111	1	EPA 6020A	03/01/2018 09:33	03/02/2018 12:51	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**0.00157**		mg/L	0.00111	1	EPA 6020A	03/01/2018 09:33	03/02/2018 12:51	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	03/01/2018 09:33	03/02/2018 12:51	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW106_022518 **York Sample ID:** 18B0987-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 3:30 pm	02/26/2018

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	03/01/2018 09:33	03/02/2018 12:51	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020A	03/01/2018 09:33	03/02/2018 12:51	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020A	03/01/2018 09:33	03/02/2018 12:51	BML
							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	03/02/2018 08:41	03/02/2018 11:20	SY
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

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	02/27/2018 08:11	02/27/2018 17:38	AD
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: GWTB03_022518 **York Sample ID:** 18B0987-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 12:00 am	02/26/2018

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	02/28/2018 15:42	03/01/2018 01:32	RDS
								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	02/28/2018 15:42	03/01/2018 01:32	RDS
								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	02/28/2018 15:42	03/01/2018 01:32	RDS
								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	02/28/2018 15:42	03/01/2018 01:32	RDS
								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	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								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	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								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	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								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	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**0.480**		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWTB03_022518 **York Sample ID:** 18B0987-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 12:00 am	02/26/2018

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	02/28/2018 15:42	03/01/2018 01:32	RDS
								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	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								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	02/28/2018 15:42	03/01/2018 01:32	RDS
								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	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWTB03_022518 **York Sample ID:** 18B0987-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 12:00 am	02/26/2018

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	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								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	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								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	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								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	02/28/2018 15:42	03/01/2018 01:32	RDS
								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	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWTB03_022518 **York Sample ID:** 18B0987-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0987	170384501	Water	February 25, 2018 12:00 am	02/26/2018

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	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

Surrogate Recoveries	Result	Acceptance Range
2037-26-5 *Surrogate: Toluene-d8*	*93.8 %*	*81-117*
460-00-4 *Surrogate: p-Bromofluorobenzene*	*97.3 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L		1	EPA 8260C	02/28/2018 15:42	03/01/2018 01:32	RDS
							Certifications:			

Analytical Batch Summary

Batch ID: 3/14/2018 **Preparation Method:** Analysis Preparation **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
18B0987-01	MW112_022518	03/09/18
18B0987-03	GWFB03_022518	03/09/18

Batch ID: 3/2/2018 **Preparation Method:** EPA 3535A **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
18B0987-01	MW112_022518	02/28/18
18B0987-03	GWFB03_022518	02/28/18

Batch ID: BB81179 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
18B0987-01	MW112_022518	02/27/18
18B0987-02	MW111_022518	02/27/18
18B0987-03	GWFB03_022518	02/27/18
18B0987-04	MW106_022518	02/27/18
BB81179-BLK1	Blank	02/27/18
BB81179-BS1	LCS	02/27/18

Batch ID: BB81182 **Preparation Method:** EPA 3510C **Prepared By:** KNK

YORK Sample ID	Client Sample ID	Preparation Date
18B0987-02	MW111_022518	02/27/18
18B0987-02	MW111_022518	02/27/18
18B0987-03	GWFB03_022518	02/27/18
18B0987-03	GWFB03_022518	02/27/18
BB81182-BLK1	Blank	02/27/18
BB81182-BLK1	Blank	02/27/18
BB81182-BLK2	Blank	02/27/18
BB81182-BS1	LCS	02/27/18
BB81182-BS2	LCS	02/27/18
BB81182-BSD1	LCS Dup	02/27/18

Batch ID: BB81183 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** KNK

YORK Sample ID	Client Sample ID	Preparation Date
18B0987-01	MW112_022518	02/27/18
18B0987-01	MW112_022518	02/27/18
18B0987-02	MW111_022518	02/27/18
18B0987-02	MW111_022518	02/27/18
18B0987-03	GWFB03_022518	02/27/18
18B0987-03	GWFB03_022518	02/27/18
BB81183-BLK1	Blank	02/27/18

BB81183-BLK2	Blank	02/27/18
BB81183-BS1	LCS	02/27/18
BB81183-BS2	LCS	02/27/18
BB81183-BSD1	LCS Dup	02/27/18
BB81183-BSD2	LCS Dup	02/27/18

Batch ID: BB81194 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0987-01	MW112_022518	02/27/18
18B0987-02	MW111_022518	02/27/18
18B0987-03	GWFB03_022518	02/27/18
BB81194-BLK1	Blank	02/27/18
BB81194-SRM1	Reference	02/27/18

Batch ID: BB81196 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0987-01	MW112_022518	02/27/18
18B0987-02	MW111_022518	02/27/18
18B0987-03	GWFB03_022518	02/27/18
BB81196-BLK1	Blank	02/27/18
BB81196-BS1	LCS	02/27/18
BB81196-DUP1	Duplicate	02/27/18
BB81196-MS1	Matrix Spike	02/27/18

Batch ID: BB81275 **Preparation Method:** Analysis Preparation **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18B0987-01	MW112_022518	02/28/18
18B0987-02	MW111_022518	02/28/18
18B0987-03	GWFB03_022518	02/28/18
BB81275-BLK1	Blank	02/28/18
BB81275-BS1	LCS	02/28/18

Batch ID: BB81278 **Preparation Method:** EPA 7473 water **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0987-01	MW112_022518	02/28/18
18B0987-02	MW111_022518	02/28/18
18B0987-03	GWFB03_022518	02/28/18
BB81278-BLK1	Blank	02/28/18
BB81278-DUP1	Duplicate	02/28/18
BB81278-MS1	Matrix Spike	02/28/18
BB81278-SRM1	Reference	02/28/18

Batch ID: BB81290 **Preparation Method:** EPA 5030B **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18B0987-01	MW112_022518	02/28/18
18B0987-02	MW111_022518	02/28/18
18B0987-03	GWFB03_022518	02/28/18
18B0987-05	GWTB03_022518	02/28/18
BB81290-BLK1	Blank	02/28/18
BB81290-BS1	LCS	02/28/18
BB81290-BSD1	LCS Dup	02/28/18

Batch ID: BC80014 **Preparation Method:** EPA 3510C **Prepared By:** KNK

YORK Sample ID	Client Sample ID	Preparation Date
18B0987-01	MW112_022518	03/01/18
18B0987-01	MW112_022518	03/01/18
18B0987-01RE1	MW112_022518	03/01/18
BC80014-BLK1	Blank	03/01/18
BC80014-BLK1	Blank	03/01/18
BC80014-BLK2	Blank	03/01/18
BC80014-BS1	LCS	03/01/18
BC80014-BS2	LCS	03/01/18
BC80014-BSD1	LCS Dup	03/01/18

Batch ID: BC80017 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0987-01	MW112_022518	03/01/18
18B0987-02	MW111_022518	03/01/18
18B0987-03	GWFB03_022518	03/01/18
18B0987-04	MW106_022518	03/01/18
BC80017-BLK1	Blank	03/01/18
BC80017-SRM1	Reference	03/01/18

Batch ID: BC80018 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0987-01	MW112_022518	03/01/18
18B0987-02	MW111_022518	03/01/18
18B0987-03	GWFB03_022518	03/01/18
18B0987-04	MW106_022518	03/01/18
BC80018-BLK1	Blank	03/01/18
BC80018-BS1	LCS	03/01/18
BC80018-DUP1	Duplicate	03/01/18
BC80018-MS1	Matrix Spike	03/01/18

Batch ID: BC80067 **Preparation Method:** EPA 3535A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18B0987-01	MW112_022518	03/02/18

18B0987-02	MW111_022518	03/02/18
18B0987-03	GWFB03_022518	03/02/18
BC80067-BLK1	Blank	03/02/18
BC80067-BS1	LCS	03/02/18
BC80067-BSD1	LCS Dup	03/02/18

Batch ID: BC80083 **Preparation Method:** EPA 7473 water **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0987-01	MW112_022518	03/02/18
18B0987-02	MW111_022518	03/02/18
18B0987-03	GWFB03_022518	03/02/18
18B0987-04	MW106_022518	03/02/18
BC80083-BLK1	Blank	03/02/18
BC80083-DUP1	Duplicate	03/02/18
BC80083-MS1	Matrix Spike	03/02/18
BC80083-SRM1	Reference	03/02/18

Batch ID: BC80108 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
18B0987-01	MW112_022518	03/02/18
18B0987-02	MW111_022518	03/02/18
18B0987-03	GWFB03_022518	03/02/18

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 BB81290 - EPA 5030B											
Blank (BB81290-BLK1)											Prepared & Analyzed: 02/28/2018
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
Tentatively Identified Compounds	0.0		"								
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	"								

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 BB81290 - EPA 5030B											
Blank (BB81290-BLK1)									Prepared & Analyzed: 02/28/2018		
Methylene chloride	ND	2.00	ug/L								
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: 1,2-Dichloroethane-d4	*11.1*		*"*	*10.0*		*111*	*69-130*				
Surrogate: Toluene-d8	*9.62*		*"*	*10.0*		*96.2*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*79-122*				
LCS (BB81290-BS1)									Prepared & Analyzed: 02/28/2018		
1,1,1,2-Tetrachloroethane	11.5		ug/L	10.0		115	82-126				
1,1,1-Trichloroethane	11.8		"	10.0		118	78-136				
1,1,2,2-Tetrachloroethane	9.80		"	10.0		98.0	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104	54-165				
1,1,2-Trichloroethane	10.4		"	10.0		104	82-123				
1,1-Dichloroethane	10.6		"	10.0		106	82-129				
1,1-Dichloroethylene	10.9		"	10.0		109	68-138				
1,2,3-Trichlorobenzene	11.5		"	10.0		115	76-136				
1,2,3-Trichloropropane	10.3		"	10.0		103	77-128				
1,2,4-Trichlorobenzene	10.6		"	10.0		106	76-137				
1,2,4-Trimethylbenzene	10.7		"	10.0		107	82-132				
1,2-Dibromo-3-chloropropane	10.3		"	10.0		103	45-147				
1,2-Dibromoethane	10.6		"	10.0		106	83-124				
1,2-Dichlorobenzene	10.3		"	10.0		103	79-123				
1,2-Dichloroethane	11.4		"	10.0		114	73-132				
1,2-Dichloropropane	9.61		"	10.0		96.1	78-126				
1,3,5-Trimethylbenzene	10.5		"	10.0		105	80-131				
1,3-Dichlorobenzene	10.8		"	10.0		108	86-122				
1,4-Dichlorobenzene	10.6		"	10.0		106	85-124				
1,4-Dioxane	274		"	210		130	10-349				
2-Butanone	11.2		"	10.0		112	49-152				
2-Hexanone	9.30		"	10.0		93.0	51-146				
4-Methyl-2-pentanone	9.23		"	10.0		92.3	57-145				
Acetone	9.21		"	10.0		92.1	14-150				
Acrolein	7.02		"	10.0		70.2	10-153				
Acrylonitrile	9.66		"	10.0		96.6	51-150				
Benzene	10.7		"	10.0		107	85-126				
Bromochloromethane	10.0		"	10.0		100	77-128				

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 BB81290 - EPA 5030B											
LCS (BB81290-BS1)								Prepared & Analyzed: 02/28/2018			
Bromodichloromethane	10.6		ug/L	10.0		106	79-128				
Bromoform	10.6		"	10.0		106	78-133				
Bromomethane	9.35		"	10.0		93.5	43-168				
Carbon disulfide	10.3		"	10.0		103	68-146				
Carbon tetrachloride	11.9		"	10.0		119	77-141				
Chlorobenzene	10.6		"	10.0		106	88-120				
Chloroethane	10.4		"	10.0		104	65-136				
Chloroform	11.1		"	10.0		111	82-128				
Chloromethane	8.82		"	10.0		88.2	43-155				
cis-1,2-Dichloroethylene	10.2		"	10.0		102	83-129				
cis-1,3-Dichloropropylene	10.0		"	10.0		100	80-131				
Cyclohexane	10.5		"	10.0		105	63-149				
Dibromochloromethane	10.9		"	10.0		109	80-130				
Dibromomethane	10.6		"	10.0		106	72-134				
Dichlorodifluoromethane	10.7		"	10.0		107	44-144				
Ethyl Benzene	11.0		"	10.0		110	80-131				
Hexachlorobutadiene	8.72		"	10.0		87.2	67-146				
Isopropylbenzene	10.8		"	10.0		108	76-140				
Methyl acetate	9.66		"	10.0		96.6	51-139				
Methyl tert-butyl ether (MTBE)	11.1		"	10.0		111	76-135				
Methylcyclohexane	9.95		"	10.0		99.5	72-143				
Methylene chloride	8.86		"	10.0		88.6	55-137				
n-Butylbenzene	9.95		"	10.0		99.5	79-132				
n-Propylbenzene	10.3		"	10.0		103	78-133				
o-Xylene	11.0		"	10.0		110	78-130				
p- & m- Xylenes	22.8		"	20.0		114	77-133				
p-Isopropyltoluene	10.7		"	10.0		107	81-136				
sec-Butylbenzene	10.3		"	10.0		103	79-137				
Styrene	10.9		"	10.0		109	67-132				
tert-Butyl alcohol (TBA)	11.2		"	50.0		22.5	25-162	Low Bias			
tert-Butylbenzene	10.6		"	10.0		106	77-138				
Tetrachloroethylene	13.6		"	10.0		136	82-131	High Bias			
Toluene	10.6		"	10.0		106	80-127				
trans-1,2-Dichloroethylene	10.6		"	10.0		106	80-132				
trans-1,3-Dichloropropylene	10.0		"	10.0		100	78-131				
Trichloroethylene	10.5		"	10.0		105	82-128				
Trichlorofluoromethane	11.7		"	10.0		117	67-139				
Vinyl Chloride	10.6		"	10.0		106	58-145				
Surrogate: 1,2-Dichloroethane-d4	*10.7*		*"*	*10.0*		*107*	*69-130*				
Surrogate: Toluene-d8	*9.92*		*"*	*10.0*		*99.2*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.55*		*"*	*10.0*		*95.5*	*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 BB81290 - EPA 5030B											
LCS Dup (BB81290-BSD1)							Prepared & Analyzed: 02/28/2018				
1,1,1,2-Tetrachloroethane	10.9		ug/L	10.0		109	82-126		5.90	30	
1,1,1-Trichloroethane	11.3		"	10.0		113	78-136		3.90	30	
1,1,2,2-Tetrachloroethane	9.30		"	10.0		93.0	76-129		5.24	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104	54-165		0.481	30	
1,1,2-Trichloroethane	10.2		"	10.0		102	82-123		2.53	30	
1,1-Dichloroethane	10.4		"	10.0		104	82-129		1.99	30	
1,1-Dichloroethylene	10.4		"	10.0		104	68-138		4.71	30	
1,2,3-Trichlorobenzene	11.4		"	10.0		114	76-136		1.57	30	
1,2,3-Trichloropropane	10.1		"	10.0		101	77-128		2.45	30	
1,2,4-Trichlorobenzene	10.2		"	10.0		102	76-137		3.85	30	
1,2,4-Trimethylbenzene	9.98		"	10.0		99.8	82-132		7.34	30	
1,2-Dibromo-3-chloropropane	10.1		"	10.0		101	45-147		2.16	30	
1,2-Dibromoethane	10.4		"	10.0		104	83-124		1.53	30	
1,2-Dichlorobenzene	9.79		"	10.0		97.9	79-123		5.37	30	
1,2-Dichloroethane	11.3		"	10.0		113	73-132		0.530	30	
1,2-Dichloropropane	9.34		"	10.0		93.4	78-126		2.85	30	
1,3,5-Trimethylbenzene	9.75		"	10.0		97.5	80-131		7.12	30	
1,3-Dichlorobenzene	10.0		"	10.0		100	86-122		7.77	30	
1,4-Dichlorobenzene	9.82		"	10.0		98.2	85-124		8.11	30	
1,4-Dioxane	390		"	210		186	10-349		35.2	30	Non-dir.
2-Butanone	10.9		"	10.0		109	49-152		2.62	30	
2-Hexanone	9.38		"	10.0		93.8	51-146		0.857	30	
4-Methyl-2-pentanone	9.38		"	10.0		93.8	57-145		1.61	30	
Acetone	9.67		"	10.0		96.7	14-150		4.87	30	
Acrolein	8.65		"	10.0		86.5	10-153		20.8	30	
Acrylonitrile	10.1		"	10.0		101	51-150		4.45	30	
Benzene	10.4		"	10.0		104	85-126		2.09	30	
Bromochloromethane	10.0		"	10.0		100	77-128		0.300	30	
Bromodichloromethane	10.1		"	10.0		101	79-128		4.93	30	
Bromoform	10.5		"	10.0		105	78-133		1.61	30	
Bromomethane	9.86		"	10.0		98.6	43-168		5.31	30	
Carbon disulfide	9.93		"	10.0		99.3	68-146		3.37	30	
Carbon tetrachloride	11.5		"	10.0		115	77-141		3.51	30	
Chlorobenzene	10.1		"	10.0		101	88-120		4.84	30	
Chloroethane	10.0		"	10.0		100	65-136		3.71	30	
Chloroform	10.8		"	10.0		108	82-128		2.10	30	
Chloromethane	8.74		"	10.0		87.4	43-155		0.911	30	
cis-1,2-Dichloroethylene	10.1		"	10.0		101	83-129		1.38	30	
cis-1,3-Dichloropropylene	9.69		"	10.0		96.9	80-131		3.35	30	
Cyclohexane	10.2		"	10.0		102	63-149		2.42	30	
Dibromochloromethane	10.5		"	10.0		105	80-130		3.46	30	
Dibromomethane	10.1		"	10.0		101	72-134		4.74	30	
Dichlorodifluoromethane	10.1		"	10.0		101	44-144		5.29	30	
Ethyl Benzene	10.5		"	10.0		105	80-131		4.74	30	
Hexachlorobutadiene	8.12		"	10.0		81.2	67-146		7.13	30	
Isopropylbenzene	9.99		"	10.0		99.9	76-140		7.33	30	
Methyl acetate	9.70		"	10.0		97.0	51-139		0.413	30	
Methyl tert-butyl ether (MTBE)	11.3		"	10.0		113	76-135		1.16	30	
Methylcyclohexane	9.41		"	10.0		94.1	72-143		5.58	30	
Methylene chloride	8.71		"	10.0		87.1	55-137		1.71	30	
n-Butylbenzene	9.33		"	10.0		93.3	79-132		6.43	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 BB81290 - EPA 5030B											
LCS Dup (BB81290-BSD1)								Prepared & Analyzed: 02/28/2018			
n-Propylbenzene	9.69		ug/L	10.0		96.9	78-133		6.49	30	
o-Xylene	10.5		"	10.0		105	78-130		4.64	30	
p- & m- Xylenes	21.7		"	20.0		109	77-133		4.76	30	
p-Isopropyltoluene	9.89		"	10.0		98.9	81-136		7.59	30	
sec-Butylbenzene	9.61		"	10.0		96.1	79-137		6.74	30	
Styrene	10.4		"	10.0		104	67-132		4.32	30	
tert-Butyl alcohol (TBA)	10.8		"	50.0		21.7	25-162	Low Bias	3.53	30	
tert-Butylbenzene	9.88		"	10.0		98.8	77-138		7.13	30	
Tetrachloroethylene	12.8		"	10.0		128	82-131		5.60	30	
Toluene	10.1		"	10.0		101	80-127		4.84	30	
trans-1,2-Dichloroethylene	10.2		"	10.0		102	80-132		3.27	30	
trans-1,3-Dichloropropylene	9.72		"	10.0		97.2	78-131		2.84	30	
Trichloroethylene	9.90		"	10.0		99.0	82-128		5.88	30	
Trichlorofluoromethane	11.1		"	10.0		111	67-139		5.00	30	
Vinyl Chloride	10.2		"	10.0		102	58-145		4.22	30	
Surrogate: 1,2-Dichloroethane-d4	*11.0*		*"*	*10.0*		*110*	*69-130*				
Surrogate: Toluene-d8	*9.64*		*"*	*10.0*		*96.4*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.41*		*"*	*10.0*		*94.1*	*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 BB81182 - EPA 3510C											
Blank (BB81182-BLK1)											
Prepared: 02/27/2018 Analyzed: 02/28/2018											
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	50.0	"								
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 BB81182 - EPA 3510C											
Blank (BB81182-BLK1)											Prepared: 02/27/2018 Analyzed: 02/28/2018
Surrogate: 2-Fluorophenol	*23.0*		*ug/L*	*77.4*		*29.8*	*19.7-63.1*				
Surrogate: Phenol-d5	*14.7*		*"*	*73.8*		*19.9*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*30.0*		*"*	*51.6*		*58.2*	*50.2-113*				
Surrogate: 2-Fluorobiphenyl	*28.2*		*"*	*50.2*		*56.1*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*68.4*		*"*	*77.2*		*88.6*	*39.3-151*				
Surrogate: Terphenyl-d14	*24.1*		*"*	*51.0*		*47.2*	*30.7-106*				
Blank (BB81182-BLK2)											Prepared & Analyzed: 02/27/2018
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

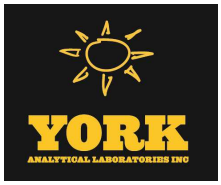
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81182 - EPA 3510C											
LCS (BB81182-BS1)								Prepared: 02/27/2018 Analyzed: 02/28/2018			
1,1-Biphenyl	18.9	5.00	ug/L	25.0		75.5	33-95				
1,2,4,5-Tetrachlorobenzene	21.6	5.00	"	25.0		86.5	26-120				
1,2-Diphenylhydrazine (as Azobenzene)	14.7	5.00	"	25.0		58.8	16-141				
2,3,4,6-Tetrachlorophenol	31.8	5.00	"	25.0		127	30-130				
2,4,5-Trichlorophenol	22.3	5.00	"	25.0		89.3	32-114				
2,4,6-Trichlorophenol	21.7	5.00	"	25.0		86.9	35-118				
2,4-Dichlorophenol	21.6	5.00	"	25.0		86.4	25-116				
2,4-Dimethylphenol	21.5	5.00	"	25.0		85.8	15-116				
2,4-Dinitrophenol	26.9	5.00	"	25.0		108	10-170				
2,4-Dinitrotoluene	22.9	5.00	"	25.0		91.6	41-128				
2,6-Dinitrotoluene	20.5	5.00	"	25.0		81.9	45-116				
2-Chloronaphthalene	19.2	5.00	"	25.0		77.0	33-112				
2-Chlorophenol	16.8	5.00	"	25.0		67.4	15-120				
2-Methylnaphthalene	19.0	5.00	"	25.0		75.8	24-118				
2-Methylphenol	12.9	5.00	"	25.0		51.5	10-110				
2-Nitroaniline	21.4	5.00	"	25.0		85.7	34-129				
2-Nitrophenol	21.2	5.00	"	25.0		84.7	28-118				
3- & 4-Methylphenols	11.6	5.00	"	25.0		46.6	10-107				
3,3-Dichlorobenzidine	24.2	5.00	"	25.0		96.9	15-187				
3-Nitroaniline	16.0	5.00	"	25.0		64.1	24-134				
4,6-Dinitro-2-methylphenol	20.4	5.00	"	25.0		81.5	10-153				
4-Bromophenyl phenyl ether	23.9	5.00	"	25.0		95.8	34-120				
4-Chloro-3-methylphenol	19.8	5.00	"	25.0		79.2	20-120				
4-Chloroaniline	14.1	5.00	"	25.0		56.4	10-147				
4-Chlorophenyl phenyl ether	22.1	5.00	"	25.0		88.3	27-121				
4-Nitroaniline	31.8	5.00	"	25.0		127	13-134				
4-Nitrophenol	9.74	5.00	"	25.0		39.0	10-131				
Acetophenone	18.6	5.00	"	25.0		74.2	25-110				
Aniline	10.5	5.00	"	25.0		42.2	10-117				
Benzaldehyde	29.5	5.00	"	25.0		118	29-117	High Bias			
Benzoic acid	ND	50.0	"	29.0			30-130	Low Bias			
Benzyl alcohol	12.5	5.00	"	25.0		50.1	10-117				
Benzyl butyl phthalate	16.6	5.00	"	25.0		66.6	29-133				
Bis(2-chloroethoxy)methane	21.8	5.00	"	25.0		87.4	10-154				
Bis(2-chloroethyl)ether	15.7	5.00	"	25.0		62.8	17-125				
Bis(2-chloroisopropyl)ether	19.7	5.00	"	25.0		78.6	10-139				
Caprolactam	3.61	5.00	"	25.0		14.4	10-137				
Carbazole	30.9	5.00	"	25.0		124	42-126				
Dibenzofuran	22.0	5.00	"	25.0		88.0	36-113				
Diethyl phthalate	21.3	5.00	"	25.0		85.3	38-115				
Dimethyl phthalate	22.5	5.00	"	25.0		90.0	38-129				
Di-n-butyl phthalate	18.4	5.00	"	25.0		73.8	31-120				
Di-n-octyl phthalate	18.6	5.00	"	25.0		74.2	21-149				
Diphenylamine	22.4	5.00	"	25.0		89.7	40-140				
Hexachlorocyclopentadiene	23.4	10.0	"	25.0		93.5	10-130				
Isophorone	19.9	5.00	"	25.0		79.5	25-127				
N-nitroso-di-n-propylamine	16.4	5.00	"	25.0		65.6	26-122				
N-Nitrosodiphenylamine	21.5	5.00	"	25.0		85.8	23-149				
Phenol	7.51	5.00	"	25.0		30.0	10-110				
Pyridine	3.72	5.00	"	25.0		14.9	10-90				
Surrogate: 2-Fluorophenol	*26.8*		*"*	*77.4*		*34.7*	*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 BB81182 - EPA 3510C											
LCS (BB81182-BS1)								Prepared: 02/27/2018 Analyzed: 02/28/2018			
Surrogate: Phenol-d5	*16.9*		*ug/L*	*73.8*		*22.8*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*32.8*		*"*	*51.6*		*63.6*	*50.2-113*				
Surrogate: 2-Fluorobiphenyl	*26.8*		*"*	*50.2*		*53.4*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*74.3*		*"*	*77.2*		*96.2*	*39.3-151*				
Surrogate: Terphenyl-d14	*25.3*		*"*	*51.0*		*49.7*	*30.7-106*				
LCS (BB81182-BS2)								Prepared & Analyzed: 02/27/2018			
Acenaphthene	0.750	0.0500	ug/L	1.00		75.0	25-116				
Acenaphthylene	0.700	0.0500	"	1.00		70.0	26-116				
Anthracene	0.910	0.0500	"	1.00		91.0	25-123				
Benzo(a)anthracene	0.930	0.0500	"	1.00		93.0	33-125				
Benzo(a)pyrene	1.00	0.0500	"	1.00		100	32-132				
Benzo(b)fluoranthene	0.940	0.0500	"	1.00		94.0	22-137				
Benzo(g,h,i)perylene	1.11	0.0500	"	1.00		111	10-138				
Benzo(k)fluoranthene	0.960	0.0500	"	1.00		96.0	20-137				
Bis(2-ethylhexyl)phthalate	0.900	0.500	"	1.00		90.0	10-189				
Chrysene	0.870	0.0500	"	1.00		87.0	32-124				
Dibenzo(a,h)anthracene	1.06	0.0500	"	1.00		106	16-133				
Fluoranthene	0.940	0.0500	"	1.00		94.0	32-121				
Fluorene	0.830	0.0500	"	1.00		83.0	28-118				
Hexachlorobenzene	1.02	0.0200	"	1.00		102	23-124				
Hexachlorobutadiene	0.720	0.500	"	1.00		72.0	15-123				
Hexachloroethane	0.590	0.500	"	1.00		59.0	18-115				
Indeno(1,2,3-cd)pyrene	1.05	0.0500	"	1.00		105	15-135				
Naphthalene	0.930	0.0500	"	1.00		93.0	18-120				
Nitrobenzene	1.28	0.250	"	1.00		128	21-121	High Bias			
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.500	0.250	"	1.00		50.0	10-156				
Phenanthrene	0.820	0.0500	"	1.00		82.0	24-127				
Pyrene	0.860	0.0500	"	1.00		86.0	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 BB81182 - EPA 3510C											
LCS Dup (BB81182-BSD1)								Prepared: 02/27/2018 Analyzed: 02/28/2018			
1,1-Biphenyl	18.6	5.00	ug/L	25.0		74.5	33-95		1.33	20	
1,2,4,5-Tetrachlorobenzene	21.4	5.00	"	25.0		85.6	26-120		1.07	20	
1,2-Diphenylhydrazine (as Azobenzene)	16.2	5.00	"	25.0		64.8	16-141		9.58	20	
2,3,4,6-Tetrachlorophenol	32.8	5.00	"	25.0		131	30-130	High Bias	3.09	20	
2,4,5-Trichlorophenol	22.8	5.00	"	25.0		91.0	32-114		1.95	20	
2,4,6-Trichlorophenol	21.6	5.00	"	25.0		86.6	35-118		0.369	20	
2,4-Dichlorophenol	21.0	5.00	"	25.0		84.0	25-116		2.82	20	
2,4-Dimethylphenol	20.6	5.00	"	25.0		82.2	15-116		4.28	20	
2,4-Dinitrophenol	27.1	5.00	"	25.0		109	10-170		0.814	20	
2,4-Dinitrotoluene	22.9	5.00	"	25.0		91.8	41-128		0.131	20	
2,6-Dinitrotoluene	20.4	5.00	"	25.0		81.6	45-116		0.392	20	
2-Chloronaphthalene	19.2	5.00	"	25.0		76.7	33-112		0.364	20	
2-Chlorophenol	16.3	5.00	"	25.0		65.2	15-120		3.32	20	
2-Methylnaphthalene	18.6	5.00	"	25.0		74.2	24-118		2.19	20	
2-Methylphenol	12.4	5.00	"	25.0		49.7	10-110		3.48	20	
2-Nitroaniline	21.6	5.00	"	25.0		86.6	34-129		1.07	20	
2-Nitrophenol	20.8	5.00	"	25.0		83.2	28-118		1.72	20	
3- & 4-Methylphenols	11.2	5.00	"	25.0		44.6	10-107		4.30	20	
3,3-Dichlorobenzidine	24.1	5.00	"	25.0		96.5	15-187		0.372	20	
3-Nitroaniline	16.3	5.00	"	25.0		65.2	24-134		1.73	20	
4,6-Dinitro-2-methylphenol	20.4	5.00	"	25.0		81.6	10-153		0.0491	20	
4-Bromophenyl phenyl ether	23.8	5.00	"	25.0		95.2	34-120		0.587	20	
4-Chloro-3-methylphenol	19.5	5.00	"	25.0		78.2	20-120		1.37	20	
4-Chloroaniline	14.0	5.00	"	25.0		56.1	10-147		0.569	20	
4-Chlorophenyl phenyl ether	21.2	5.00	"	25.0		85.0	27-121		3.83	20	
4-Nitroaniline	34.3	5.00	"	25.0		137	13-134	High Bias	7.81	20	
4-Nitrophenol	9.54	5.00	"	25.0		38.2	10-131		2.07	20	
Acetophenone	18.1	5.00	"	25.0		72.6	25-110		2.23	20	
Aniline	10.7	5.00	"	25.0		42.7	10-117		1.23	20	
Benzaldehyde	28.5	5.00	"	25.0		114	29-117		3.38	20	
Benzoic acid	ND	50.0	"	29.0			30-130	Low Bias		20	
Benzyl alcohol	11.9	5.00	"	25.0		47.8	10-117		4.74	20	
Benzyl butyl phthalate	16.8	5.00	"	25.0		67.3	29-133		1.08	20	
Bis(2-chloroethoxy)methane	21.1	5.00	"	25.0		84.3	10-154		3.63	20	
Bis(2-chloroethyl)ether	15.4	5.00	"	25.0		61.5	17-125		2.12	20	
Bis(2-chloroisopropyl)ether	19.4	5.00	"	25.0		77.7	10-139		1.18	20	
Caprolactam	3.64	5.00	"	25.0		14.6	10-137		0.828	20	
Carbazole	32.0	5.00	"	25.0		128	42-126	High Bias	3.46	20	
Dibenzofuran	21.2	5.00	"	25.0		84.6	36-113		3.94	20	
Diethyl phthalate	21.0	5.00	"	25.0		84.0	38-115		1.56	20	
Dimethyl phthalate	22.0	5.00	"	25.0		88.1	38-129		2.16	20	
Di-n-butyl phthalate	18.6	5.00	"	25.0		74.5	31-120		0.917	20	
Di-n-octyl phthalate	17.8	5.00	"	25.0		71.3	21-149		4.01	20	
Diphenylamine	22.6	5.00	"	25.0		90.4	40-140		0.844	20	
Hexachlorocyclopentadiene	23.2	10.0	"	25.0		93.0	10-130		0.558	20	
Isophorone	19.2	5.00	"	25.0		76.6	25-127		3.69	20	
N-nitroso-di-n-propylamine	16.4	5.00	"	25.0		65.6	26-122		0.122	20	
N-Nitrosodiphenylamine	21.3	5.00	"	25.0		85.0	23-149		0.936	20	
Phenol	6.11	5.00	"	25.0		24.4	10-110		20.6	20	Non-dir.
Pyridine	3.30	5.00	"	25.0		13.2	10-90		12.0	20	
Surrogate: 2-Fluorophenol	*25.5*		*"*	*77.4*		*33.0*	*19.7-63.1*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81182 - EPA 3510C											
LCS Dup (BB81182-BSD1)											
Surrogate: Phenol-d5	*15.7*		*ug/L*	*73.8*		*21.3*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*30.8*		*"*	*51.6*		*59.6*	*50.2-113*				
Surrogate: 2-Fluorobiphenyl	*26.6*		*"*	*50.2*		*53.0*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*73.9*		*"*	*77.2*		*95.8*	*39.3-151*				
Surrogate: Terphenyl-d14	*24.5*		*"*	*51.0*		*48.0*	*30.7-106*				
Batch BC80014 - EPA 3510C											
Blank (BC80014-BLK1)											
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	50.0	"								
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	"								

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 BC80014 - EPA 3510C											
Blank (BC80014-BLK1)									Prepared & Analyzed: 03/01/2018		
Di-n-butyl phthalate	ND	5.00	ug/L								
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	"								
Surrogate: 2-Fluorophenol	*28.4*		*"*	*77.4*		*36.6*	*19.7-63.1*				
Surrogate: Phenol-d5	*17.9*		*"*	*73.8*		*24.2*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*35.8*		*"*	*51.6*		*69.3*	*50.2-113*				
Surrogate: 2-Fluorobiphenyl	*35.0*		*"*	*50.2*		*69.7*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*89.7*		*"*	*77.2*		*116*	*39.3-151*				
Surrogate: Terphenyl-d14	*30.4*		*"*	*51.0*		*59.6*	*30.7-106*				
Blank (BC80014-BLK2)									Prepared & Analyzed: 03/01/2018		
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 BC80014 - EPA 3510C											
LCS (BC80014-BS1)								Prepared & Analyzed: 03/01/2018			
1,1-Biphenyl	18.6	5.00	ug/L	25.0		74.4	33-95				
1,2,4,5-Tetrachlorobenzene	21.5	5.00	"	25.0		86.1	26-120				
1,2-Diphenylhydrazine (as Azobenzene)	16.6	5.00	"	25.0		66.4	16-141				
2,3,4,6-Tetrachlorophenol	31.7	5.00	"	25.0		127	30-130				
2,4,5-Trichlorophenol	23.5	5.00	"	25.0		93.9	32-114				
2,4,6-Trichlorophenol	22.3	5.00	"	25.0		89.2	35-118				
2,4-Dichlorophenol	22.0	5.00	"	25.0		87.8	25-116				
2,4-Dimethylphenol	20.9	5.00	"	25.0		83.6	15-116				
2,4-Dinitrophenol	23.4	5.00	"	25.0		93.7	10-170				
2,4-Dinitrotoluene	21.7	5.00	"	25.0		86.7	41-128				
2,6-Dinitrotoluene	20.0	5.00	"	25.0		80.1	45-116				
2-Chloronaphthalene	18.9	5.00	"	25.0		75.6	33-112				
2-Chlorophenol	16.0	5.00	"	25.0		64.0	15-120				
2-Methylnaphthalene	19.1	5.00	"	25.0		76.2	24-118				
2-Methylphenol	13.1	5.00	"	25.0		52.3	10-110				
2-Nitroaniline	21.2	5.00	"	25.0		84.8	34-129				
2-Nitrophenol	20.0	5.00	"	25.0		79.9	28-118				
3- & 4-Methylphenols	12.0	5.00	"	25.0		47.9	10-107				
3,3-Dichlorobenzidine	24.1	5.00	"	25.0		96.6	15-187				
3-Nitroaniline	16.3	5.00	"	25.0		65.0	24-134				
4,6-Dinitro-2-methylphenol	19.4	5.00	"	25.0		77.6	10-153				
4-Bromophenyl phenyl ether	24.3	5.00	"	25.0		97.2	34-120				
4-Chloro-3-methylphenol	19.5	5.00	"	25.0		77.9	20-120				
4-Chloroaniline	14.6	5.00	"	25.0		58.4	10-147				
4-Chlorophenyl phenyl ether	21.8	5.00	"	25.0		87.3	27-121				
4-Nitroaniline	34.4	5.00	"	25.0		138	13-134	High Bias			
4-Nitrophenol	8.59	5.00	"	25.0		34.4	10-131				
Acetophenone	17.3	5.00	"	25.0		69.1	25-110				
Aniline	11.3	5.00	"	25.0		45.3	10-117				
Benzaldehyde	27.7	5.00	"	25.0		111	29-117				
Benzoic acid	ND	50.0	"	29.0			30-130	Low Bias			
Benzyl alcohol	11.9	5.00	"	25.0		47.6	10-117				
Benzyl butyl phthalate	16.9	5.00	"	25.0		67.5	29-133				
Bis(2-chloroethoxy)methane	20.9	5.00	"	25.0		83.4	10-154				
Bis(2-chloroethyl)ether	14.4	5.00	"	25.0		57.6	17-125				
Bis(2-chloroisopropyl)ether	20.8	5.00	"	25.0		83.2	10-139				
Caprolactam	ND	5.00	"	25.0			10-137	Low Bias			
Carbazole	30.6	5.00	"	25.0		123	42-126				
Dibenzofuran	21.6	5.00	"	25.0		86.5	36-113				
Diethyl phthalate	20.6	5.00	"	25.0		82.4	38-115				
Dimethyl phthalate	21.8	5.00	"	25.0		87.4	38-129				
Di-n-butyl phthalate	18.8	5.00	"	25.0		75.2	31-120				
Di-n-octyl phthalate	18.1	5.00	"	25.0		72.5	21-149				
Diphenylamine	22.9	5.00	"	25.0		91.6	40-140				
Hexachlorocyclopentadiene	23.2	10.0	"	25.0		93.0	10-130				
Isophorone	18.6	5.00	"	25.0		74.3	25-127				
N-nitroso-di-n-propylamine	18.5	5.00	"	25.0		74.0	26-122				
N-Nitrosodiphenylamine	22.0	5.00	"	25.0		87.8	23-149				
Phenol	6.60	5.00	"	25.0		26.4	10-110				
Pyridine	4.32	5.00	"	25.0		17.3	10-90				
Surrogate: 2-Fluorophenol	*27.0*		*"*	*77.4*		*34.9*	*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 BC80014 - EPA 3510C											
LCS (BC80014-BS1)								Prepared & Analyzed: 03/01/2018			
Surrogate: Phenol-d5	*17.3*		*ug/L*	*73.8*		*23.4*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*31.1*		*"*	*51.6*		*60.2*	*50.2-113*				
Surrogate: 2-Fluorobiphenyl	*28.7*		*"*	*50.2*		*57.3*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*78.6*		*"*	*77.2*		*102*	*39.3-151*				
Surrogate: Terphenyl-d14	*26.6*		*"*	*51.0*		*52.1*	*30.7-106*				
LCS (BC80014-BS2)								Prepared & Analyzed: 03/01/2018			
Acenaphthene	0.730	0.0500	ug/L	1.00		73.0	25-116				
Acenaphthylene	0.700	0.0500	"	1.00		70.0	26-116				
Anthracene	0.740	0.0500	"	1.00		74.0	25-123				
Benzo(a)anthracene	0.720	0.0500	"	1.00		72.0	33-125				
Benzo(a)pyrene	0.780	0.0500	"	1.00		78.0	32-132				
Benzo(b)fluoranthene	0.760	0.0500	"	1.00		76.0	22-137				
Benzo(g,h,i)perylene	0.860	0.0500	"	1.00		86.0	10-138				
Benzo(k)fluoranthene	0.800	0.0500	"	1.00		80.0	20-137				
Bis(2-ethylhexyl)phthalate	0.710	0.500	"	1.00		71.0	10-189				
Chrysene	0.710	0.0500	"	1.00		71.0	32-124				
Dibenzo(a,h)anthracene	0.860	0.0500	"	1.00		86.0	16-133				
Fluoranthene	0.740	0.0500	"	1.00		74.0	32-121				
Fluorene	0.750	0.0500	"	1.00		75.0	28-118				
Hexachlorobenzene	0.900	0.0200	"	1.00		90.0	23-124				
Hexachlorobutadiene	0.560	0.500	"	1.00		56.0	15-123				
Hexachloroethane	ND	0.500	"	1.00			18-115	Low Bias			
Indeno(1,2,3-cd)pyrene	0.840	0.0500	"	1.00		84.0	15-135				
Naphthalene	0.740	0.0500	"	1.00		74.0	18-120				
Nitrobenzene	1.00	0.250	"	1.00		100	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.380	0.250	"	1.00		38.0	10-156				
Phenanthrene	0.700	0.0500	"	1.00		70.0	24-127				
Pyrene	0.700	0.0500	"	1.00		70.0	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 BC80014 - EPA 3510C											
LCS Dup (BC80014-BSD1)							Prepared & Analyzed: 03/01/2018				
1,1-Biphenyl	16.6	5.00	ug/L	25.0		66.6	33-95		11.2	20	
1,2,4,5-Tetrachlorobenzene	19.3	5.00	"	25.0		77.3	26-120		10.8	20	
1,2-Diphenylhydrazine (as Azobenzene)	14.5	5.00	"	25.0		58.0	16-141		13.5	20	
2,3,4,6-Tetrachlorophenol	28.4	5.00	"	25.0		114	30-130		10.9	20	
2,4,5-Trichlorophenol	18.3	5.00	"	25.0		73.2	32-114		24.7	20	Non-dir.
2,4,6-Trichlorophenol	19.4	5.00	"	25.0		77.6	35-118		13.9	20	
2,4-Dichlorophenol	19.6	5.00	"	25.0		78.6	25-116		11.1	20	
2,4-Dimethylphenol	19.0	5.00	"	25.0		75.8	15-116		9.69	20	
2,4-Dinitrophenol	20.6	5.00	"	25.0		82.2	10-170		13.1	20	
2,4-Dinitrotoluene	19.3	5.00	"	25.0		77.1	41-128		11.8	20	
2,6-Dinitrotoluene	17.9	5.00	"	25.0		71.6	45-116		11.3	20	
2-Chloronaphthalene	16.8	5.00	"	25.0		67.1	33-112		12.0	20	
2-Chlorophenol	14.9	5.00	"	25.0		59.6	15-120		7.12	20	
2-Methylnaphthalene	17.6	5.00	"	25.0		70.4	24-118		7.97	20	
2-Methylphenol	11.7	5.00	"	25.0		46.9	10-110		10.8	20	
2-Nitroaniline	18.3	5.00	"	25.0		73.3	34-129		14.6	20	
2-Nitrophenol	18.4	5.00	"	25.0		73.4	28-118		8.51	20	
3- & 4-Methylphenols	10.7	5.00	"	25.0		42.9	10-107		11.0	20	
3,3-Dichlorobenzidine	21.0	5.00	"	25.0		83.9	15-187		14.1	20	
3-Nitroaniline	14.1	5.00	"	25.0		56.6	24-134		13.9	20	
4,6-Dinitro-2-methylphenol	16.8	5.00	"	25.0		67.1	10-153		14.4	20	
4-Bromophenyl phenyl ether	21.2	5.00	"	25.0		84.6	34-120		13.9	20	
4-Chloro-3-methylphenol	18.3	5.00	"	25.0		73.1	20-120		6.30	20	
4-Chloroaniline	14.5	5.00	"	25.0		57.9	10-147		0.894	20	
4-Chlorophenyl phenyl ether	19.5	5.00	"	25.0		78.1	27-121		11.1	20	
4-Nitroaniline	28.4	5.00	"	25.0		114	13-134		18.9	20	
4-Nitrophenol	6.68	5.00	"	25.0		26.7	10-131		25.0	20	Non-dir.
Acetophenone	15.4	5.00	"	25.0		61.5	25-110		11.6	20	
Aniline	11.2	5.00	"	25.0		44.9	10-117		0.887	20	
Benzaldehyde	25.6	5.00	"	25.0		102	29-117		7.99	20	
Benzoic acid	ND	50.0	"	29.0			30-130	Low Bias		20	
Benzyl alcohol	10.6	5.00	"	25.0		42.4	10-117		11.6	20	
Benzyl butyl phthalate	14.5	5.00	"	25.0		58.1	29-133		15.0	20	
Bis(2-chloroethoxy)methane	19.2	5.00	"	25.0		76.8	10-154		8.34	20	
Bis(2-chloroethyl)ether	13.0	5.00	"	25.0		52.1	17-125		10.1	20	
Bis(2-chloroisopropyl)ether	18.9	5.00	"	25.0		75.6	10-139		9.62	20	
Caprolactam	3.20	5.00	"	25.0		12.8	10-137		99.8	20	Non-dir.
Carbazole	26.7	5.00	"	25.0		107	42-126		13.6	20	
Dibenzofuran	19.3	5.00	"	25.0		77.2	36-113		11.3	20	
Diethyl phthalate	17.9	5.00	"	25.0		71.7	38-115		13.9	20	
Dimethyl phthalate	19.1	5.00	"	25.0		76.5	38-129		13.3	20	
Di-n-butyl phthalate	16.4	5.00	"	25.0		65.5	31-120		13.8	20	
Di-n-octyl phthalate	15.8	5.00	"	25.0		63.1	21-149		13.9	20	
Diphenylamine	20.3	5.00	"	25.0		81.1	40-140		12.2	20	
Hexachlorocyclopentadiene	20.1	10.0	"	25.0		80.4	10-130		14.5	20	
Isophorone	17.2	5.00	"	25.0		68.6	25-127		7.95	20	
N-nitroso-di-n-propylamine	16.4	5.00	"	25.0		65.4	26-122		12.4	20	
N-Nitrosodiphenylamine	19.7	5.00	"	25.0		78.7	23-149		11.0	20	
Phenol	5.89	5.00	"	25.0		23.6	10-110		11.4	20	
Pyridine	4.55	5.00	"	25.0		18.2	10-90		5.19	20	
Surrogate: 2-Fluorophenol	*24.4*		*"*	*77.4*		*31.5*	*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 BC80014 - EPA 3510C											
LCS Dup (BC80014-BSD1)											Prepared & Analyzed: 03/01/2018
Surrogate: Phenol-d5	*15.2*		*ug/L*	*73.8*		*20.6*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*29.3*		*"*	*51.6*		*56.8*	*50.2-113*				
Surrogate: 2-Fluorobiphenyl	*26.4*		*"*	*50.2*		*52.5*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*68.8*		*"*	*77.2*		*89.1*	*39.3-151*				
Surrogate: Terphenyl-d14	*23.4*		*"*	*51.0*		*45.9*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS TIC - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81182 - EPA 3510C											
Blank (BB81182-BLK1)									Prepared: 02/27/2018 Analyzed: 02/28/2018		
Tentatively Identified Compounds	0.00		ug/L								
Batch BC80014 - EPA 3510C											
Blank (BC80014-BLK1)									Prepared & Analyzed: 03/01/2018		
Tentatively Identified Compounds	0.00		ug/L								

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 BB81183 - EPA SW846-3510C Low Level											
Blank (BB81183-BLK1)									Prepared & Analyzed: 02/27/2018		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
Chlordane, total	ND	0.0200	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Surrogate: Decachlorobiphenyl	*0.166*		*"*	*0.209*		*79.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.170*		*"*	*0.202*		*84.0*	*30-150*				
LCS (BB81183-BS1)									Prepared & Analyzed: 02/27/2018		
4,4'-DDD	0.0941	0.00400	ug/L	0.100		94.1	40-140				
4,4'-DDE	0.0862	0.00400	"	0.100		86.2	40-140				
4,4'-DDT	0.0874	0.00400	"	0.100		87.4	40-140				
Aldrin	0.0662	0.00400	"	0.100		66.2	40-140				
alpha-BHC	0.0686	0.00400	"	0.100		68.6	40-140				
alpha-Chlordane	0.0708	0.00400	"	0.100		70.8	40-140				
beta-BHC	0.0810	0.00400	"	0.100		81.0	40-140				
delta-BHC	0.0599	0.00400	"	0.100		59.9	40-140				
Dieldrin	0.0790	0.00200	"	0.100		79.0	40-140				
Endosulfan I	0.0784	0.00400	"	0.100		78.4	40-140				
Endosulfan II	0.0851	0.00400	"	0.100		85.1	40-140				
Endosulfan sulfate	0.0876	0.00400	"	0.100		87.6	40-140				
Endrin	0.0818	0.00400	"	0.100		81.8	40-140				
Endrin aldehyde	0.0891	0.0100	"	0.100		89.1	40-140				
Endrin ketone	0.104	0.0100	"	0.100		104	40-140				
gamma-BHC (Lindane)	0.0698	0.00400	"	0.100		69.8	40-140				
gamma-Chlordane	0.0688	0.0100	"	0.100		68.8	40-140				
Heptachlor	0.0639	0.00400	"	0.100		63.9	40-140				
Heptachlor epoxide	0.0718	0.00400	"	0.100		71.8	40-140				
Methoxychlor	0.0982	0.00400	"	0.100		98.2	40-140				
Surrogate: Decachlorobiphenyl	*0.169*		*"*	*0.209*		*80.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.137*		*"*	*0.202*		*68.1*	*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 BB81183 - EPA SW846-3510C Low Level											
LCS Dup (BB81183-BSD1)								Prepared & Analyzed: 02/27/2018			
4,4'-DDD	0.0893	0.00400	ug/L	0.100		89.3	40-140		5.27	20	
4,4'-DDE	0.0762	0.00400	"	0.100		76.2	40-140		12.2	20	
4,4'-DDT	0.0839	0.00400	"	0.100		83.9	40-140		4.10	20	
Aldrin	0.0649	0.00400	"	0.100		64.9	40-140		1.97	20	
alpha-BHC	0.0689	0.00400	"	0.100		68.9	40-140		0.493	20	
alpha-Chlordane	0.0661	0.00400	"	0.100		66.1	40-140		6.88	20	
beta-BHC	0.0740	0.00400	"	0.100		74.0	40-140		9.10	20	
delta-BHC	0.0540	0.00400	"	0.100		54.0	40-140		10.3	20	
Dieldrin	0.0709	0.00200	"	0.100		70.9	40-140		10.7	20	
Endosulfan I	0.0716	0.00400	"	0.100		71.6	40-140		9.00	20	
Endosulfan II	0.0807	0.00400	"	0.100		80.7	40-140		5.23	20	
Endosulfan sulfate	0.0835	0.00400	"	0.100		83.5	40-140		4.83	20	
Endrin	0.0733	0.00400	"	0.100		73.3	40-140		10.9	20	
Endrin aldehyde	0.0892	0.0100	"	0.100		89.2	40-140		0.114	20	
Endrin ketone	0.102	0.0100	"	0.100		102	40-140		1.58	20	
gamma-BHC (Lindane)	0.0686	0.00400	"	0.100		68.6	40-140		1.86	20	
gamma-Chlordane	0.0640	0.0100	"	0.100		64.0	40-140		7.26	20	
Heptachlor	0.0628	0.00400	"	0.100		62.8	40-140		1.81	20	
Heptachlor epoxide	0.0668	0.00400	"	0.100		66.8	40-140		7.12	20	
Methoxychlor	0.0922	0.00400	"	0.100		92.2	40-140		6.23	20	
Surrogate: Decachlorobiphenyl	*0.154*		*"*	*0.209*		*73.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.139*		*"*	*0.202*		*68.9*	*30-150*				
Batch Y7K2801 - BK71080											
Performance Mix (Y7K2801-PEM1)								Prepared & Analyzed: 11/27/2017			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.145		"	0.00			0-200				
4,4'-DDT	124		"	200		61.8	0-200				
Endrin	78.5		"	100		78.5	0-200				
Endrin aldehyde	1.34		"	0.00			0-200				
Endrin ketone	3.33		"	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 Y8B2801 - BB81018											
Performance Mix (Y8B2801-PEM2)								Prepared & Analyzed: 02/27/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.701		"	0.00			0-200				
4,4'-DDT	231		"	200		116	0-200				
Endrin	132		"	100		132	0-200				
Endrin aldehyde	0.845		"	0.00			0-200				
Endrin ketone	2.30		"	0.00			0-200				
Performance Mix (Y8B2801-PEM3)								Prepared: 02/27/2018 Analyzed: 02/28/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	1.10		"	0.00			0-200				
4,4'-DDT	154		"	200		77.0	0-200				
Endrin	117		"	100		117	0-200				
Endrin aldehyde	2.28		"	0.00			0-200				
Endrin ketone	7.29		"	0.00			0-200				
Batch Y8C0101 - BB81183											
Performance Mix (Y8C0101-PEM1)								Prepared & Analyzed: 02/28/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	1.23		"	0.00			0-200				
4,4'-DDT	141		"	200		70.4	0-200				
Endrin	114		"	100		114	0-200				
Endrin aldehyde	2.68		"	0.00			0-200				
Endrin ketone	8.19		"	0.00			0-200				
Performance Mix (Y8C0101-PEM2)								Prepared & Analyzed: 02/28/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.823		"	0.00			0-200				
4,4'-DDT	159		"	200		79.7	0-200				
Endrin	132		"	100		132	0-200				
Endrin aldehyde	2.25		"	0.00			0-200				
Endrin ketone	9.76		"	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 BB81183 - EPA SW846-3510C Low Level											
Blank (BB81183-BLK2)									Prepared: 02/27/2018 Analyzed: 02/28/2018		
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*		*"*	*0.202*		*76.7*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.148*		*"*	*0.209*		*70.8*	*30-120*				
LCS (BB81183-BS2)									Prepared: 02/27/2018 Analyzed: 02/28/2018		
Aroclor 1016	0.933	0.0500	ug/L	1.00		93.3	40-120				
Aroclor 1260	1.19	0.0500	"	1.00		119	40-120				
Surrogate: Tetrachloro-m-xylene	*0.124*		*"*	*0.202*		*61.4*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.154*		*"*	*0.209*		*73.7*	*30-120*				
LCS Dup (BB81183-BSD2)									Prepared: 02/27/2018 Analyzed: 02/28/2018		
Aroclor 1016	0.903	0.0500	ug/L	1.00		90.3	40-120		3.33	30	
Aroclor 1260	1.14	0.0500	"	1.00		114	40-120		4.36	30	
Surrogate: Tetrachloro-m-xylene	*0.125*		*"*	*0.202*		*61.9*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.139*		*"*	*0.209*		*66.5*	*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 BC80067 - EPA 3535A											
Blank (BC80067-BLK1)								Prepared & Analyzed: 03/02/2018			
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)	*151*		*"*	*125*		*121*	*30-150*				
LCS (BC80067-BS1)								Prepared & Analyzed: 03/02/2018			
2,4,5-T	46.5	5.00	ug/L	40.0		116	40-140				
2,4,5-TP (Silvex)	44.5	5.00	"	40.0		111	40-140				
2,4-D	46.0	5.00	"	40.0		115	40-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*149*		*"*	*125*		*119*	*30-150*				
LCS Dup (BC80067-BSD1)								Prepared & Analyzed: 03/02/2018			
2,4,5-T	46.5	5.00	ug/L	40.0		116	40-140		0.00	30	
2,4,5-TP (Silvex)	44.5	5.00	"	40.0		111	40-140		0.00	30	
2,4-D	46.0	5.00	"	40.0		115	40-140		0.00	30	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*148*		*"*	*125*		*119*	*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 BB81194 - EPA 3015A											
Blank (BB81194-BLK1)											Prepared & Analyzed: 02/27/2018
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0111	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Copper	0.0194	0.00556	"								
Iron	ND	0.0222	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.00556	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.111	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0167	"								
Reference (BB81194-SRM1)											Prepared & Analyzed: 02/27/2018
Aluminum	0.910		ug/mL	0.720		126	81.4-117.2	High Bias			
Barium	0.476		"	0.500		95.2	85-115				
Calcium	33.2		"	33.0		101	86.5-114.3				
Chromium	0.945		"	0.860		110	85-115				
Copper	0.376		"	0.320		117	85-115	High Bias			
Iron	1.48		"	1.40		106	84.9-115				
Lead	0.666		"	0.640		104	85-115				
Magnesium	82.3		"	80.1		103	86.3-114.8				
Manganese	1.14		"	1.02		111	84.9-115				
Nickel	1.91		"	1.78		107	87-113.7				
Potassium	9.91		"	10.3		96.2	84.9-115				
Silver	0.573		"	0.600		95.5	85-115				
Sodium	23.3		"	22.7		102	85-115				
Vanadium	1.78		"	1.66		107	85-114.9				
Zinc	1.61		"	1.62		99.2	84.9-115				

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 BC80017 - EPA 3015A											
Blank (BC80017-BLK1)											Prepared: 03/01/2018 Analyzed: 03/02/2018
Aluminum - Dissolved	ND	0.0556	mg/L								
Barium - Dissolved	ND	0.0111	"								
Calcium - Dissolved	ND	0.0556	"								
Chromium - Dissolved	ND	0.00556	"								
Copper - Dissolved	ND	0.00556	"								
Iron - Dissolved	ND	0.0222	"								
Lead - Dissolved	ND	0.00556	"								
Magnesium - Dissolved	ND	0.0556	"								
Manganese - Dissolved	ND	0.00556	"								
Nickel - Dissolved	ND	0.00556	"								
Potassium - Dissolved	ND	0.0556	"								
Silver - Dissolved	ND	0.00556	"								
Sodium - Dissolved	ND	0.111	"								
Vanadium - Dissolved	ND	0.0111	"								
Zinc - Dissolved	ND	0.0167	"								
Reference (BC80017-SRM1)											Prepared: 03/01/2018 Analyzed: 03/02/2018
Aluminum - Dissolved	0.835		ug/mL	0.720		116	81.4-117.2				
Barium - Dissolved	0.481		"	0.500		96.1	85-115				
Calcium - Dissolved	32.4		"	33.0		98.1	86.5-114.3				
Chromium - Dissolved	0.874		"	0.860		102	85-115				
Copper - Dissolved	0.327		"	0.320		102	85-115				
Iron - Dissolved	1.31		"	1.40		93.3	84.9-115				
Lead - Dissolved	0.625		"	0.640		97.6	85-115				
Magnesium - Dissolved	78.0		"	80.1		97.4	86.3-114.8				
Manganese - Dissolved	1.09		"	1.02		107	84.9-115				
Nickel - Dissolved	1.81		"	1.78		102	87-113.7				
Potassium - Dissolved	9.68		"	10.3		94.0	84.9-115				
Silver - Dissolved	0.583		"	0.600		97.2	85-115				
Sodium - Dissolved	23.1		"	22.7		102	85-115				
Vanadium - Dissolved	1.67		"	1.66		101	85-114.9				
Zinc - Dissolved	1.57		"	1.62		96.8	84.9-115				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81196 - EPA 3015A											
Blank (BB81196-BLK1)										Prepared & Analyzed: 02/27/2018	
Antimony	ND	0.00111	mg/L								
Arsenic	ND	0.00111	"								
Beryllium	ND	0.00111	"								
Cadmium	ND	0.00111	"								
Selenium	ND	0.00111	"								
Thallium	ND	0.00111	"								
LCS (BB81196-BS1)										Prepared & Analyzed: 02/27/2018	
Antimony	36.1		ug/L	50.0		72.3	80-120	Low Bias			
Arsenic	39.6		"	50.0		79.1	80-120	Low Bias			
Beryllium	45.2		"	50.0		90.3	80-120				
Cadmium	37.3		"	50.0		74.6	80-120	Low Bias			
Selenium	32.1		"	50.0		64.1	80-120	Low Bias			
Thallium	40.3		"	50.0		80.6	80-120				
Duplicate (BB81196-DUP1)	*Source sample: 18B0987-03 (GWFB03_022518)									Prepared & Analyzed: 02/27/2018	
Antimony	ND	0.00111	mg/L		ND					20	
Arsenic	ND	0.00111	"		ND					20	
Beryllium	ND	0.00111	"		ND					20	
Cadmium	ND	0.00111	"		ND					20	
Selenium	ND	0.00111	"		ND					20	
Thallium	ND	0.00111	"		ND					20	
Matrix Spike (BB81196-MS1)	*Source sample: 18B0987-03 (GWFB03_022518)									Prepared & Analyzed: 02/27/2018	
Antimony	35.5		ug/L	50.0	-0.160	71.1	75-125	Low Bias			
Arsenic	35.1		"	50.0	0.009	70.1	75-125	Low Bias			
Beryllium	43.3		"	50.0	-0.013	86.6	75-125				
Cadmium	37.3		"	50.0	-0.012	74.6	75-125	Low Bias			
Selenium	30.9		"	50.0	0.581	60.6	75-125	Low Bias			
Thallium	42.0		"	50.0	-0.005	83.9	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 BC80018 - EPA 3015A											
Blank (BC80018-BLK1)									Prepared: 03/01/2018 Analyzed: 03/02/2018		
Antimony - Dissolved	ND	0.00111	mg/L								
Arsenic - Dissolved	ND	0.00111	"								
Beryllium - Dissolved	ND	0.00111	"								
Cadmium - Dissolved	ND	0.00111	"								
Selenium - Dissolved	ND	0.00111	"								
Thallium - Dissolved	ND	0.00111	"								
LCS (BC80018-BS1)									Prepared: 03/01/2018 Analyzed: 03/02/2018		
Antimony - Dissolved	41.0		ug/L	50.0		82.1	80-120				
Arsenic - Dissolved	34.0		"	50.0		67.9	80-120	Low Bias			
Beryllium - Dissolved	37.3		"	50.0		74.7	80-120	Low Bias			
Cadmium - Dissolved	38.1		"	50.0		76.2	80-120	Low Bias			
Selenium - Dissolved	27.1		"	50.0		54.2	80-120	Low Bias			
Thallium - Dissolved	45.3		"	50.0		90.5	80-120				
Duplicate (BC80018-DUP1)	*Source sample: 18B0987-01 (MW112_022518)								Prepared: 03/01/2018 Analyzed: 03/02/2018		
Antimony - Dissolved	ND	0.00111	mg/L		ND					20	
Arsenic - Dissolved	ND	0.00111	"		0.00119					20	
Beryllium - Dissolved	ND	0.00111	"		ND					20	
Cadmium - Dissolved	ND	0.00111	"		ND					20	
Selenium - Dissolved	ND	0.00111	"		ND					20	
Thallium - Dissolved	ND	0.00111	"		ND					20	
Matrix Spike (BC80018-MS1)	*Source sample: 18B0987-01 (MW112_022518)								Prepared: 03/01/2018 Analyzed: 03/02/2018		
Antimony - Dissolved	37.9		ug/L	50.0	0.072	75.7	75-125				
Arsenic - Dissolved	31.6		"	50.0	1.07	61.1	75-125	Low Bias			
Beryllium - Dissolved	23.3		"	50.0	-0.002	46.6	75-125	Low Bias			
Cadmium - Dissolved	33.5		"	50.0	-0.003	67.0	75-125	Low Bias			
Selenium - Dissolved	29.2		"	50.0	0.688	57.1	75-125	Low Bias			
Thallium - Dissolved	39.5		"	50.0	0.197	78.7	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 BB81278 - EPA 7473 water											
Blank (BB81278-BLK1)								Prepared & Analyzed: 02/28/2018			
Mercury	ND	0.00020	mg/L								
Duplicate (BB81278-DUP1)	*Source sample: 18B0987-01 (MW112_022518)							Prepared & Analyzed: 02/28/2018			
Mercury	ND	0.00020	mg/L		ND					20	
Matrix Spike (BB81278-MS1)	*Source sample: 18B0987-01 (MW112_022518)							Prepared & Analyzed: 02/28/2018			
Mercury	0.00185		mg/L	0.00200	0.00019	82.9	75-125				
Reference (BB81278-SRM1)								Prepared & Analyzed: 02/28/2018			
Mercury	0.00542		mg/L	0.00740		73.2	70-130				
Batch BC80083 - EPA 7473 water											
Blank (BC80083-BLK1)								Prepared & Analyzed: 03/02/2018			
Mercury - Dissolved	ND	0.0002000	mg/L								
Duplicate (BC80083-DUP1)	*Source sample: 18B0987-01 (MW112_022518)							Prepared & Analyzed: 03/02/2018			
Mercury - Dissolved	ND	0.0002000	mg/L		ND					20	
Matrix Spike (BC80083-MS1)	*Source sample: 18B0987-01 (MW112_022518)							Prepared & Analyzed: 03/02/2018			
Mercury - Dissolved	0.001792		mg/L	0.00200	0.0001538	81.9	75-125				
Reference (BC80083-SRM1)								Prepared & Analyzed: 03/02/2018			
Mercury - Dissolved	0.005433		mg/L	0.00740		73.4	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 BB81179 - Analysis Preparation											
Blank (BB81179-BLK1)									Prepared & Analyzed: 02/27/2018		
Cyanide, total	ND	0.0100	mg/L								
LCS (BB81179-BS1)									Prepared & Analyzed: 02/27/2018		
Cyanide, total	0.183	0.0100	mg/L	0.200		91.5	76.2-107				
Batch BB81275 - Analysis Preparation											
Blank (BB81275-BLK1)									Prepared & Analyzed: 02/28/2018		
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BB81275-BS1)									Prepared & Analyzed: 02/28/2018		
Chromium, Hexavalent	0.477	0.0100	mg/L	0.500		95.4	80-120				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18B0987-01	MW112_022518	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18B0987-02	MW111_022518	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18B0987-03	GWFB03_022518	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18B0987-05	GWTB03_022518	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

See attach	See attached
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.
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.
N	The Tentatively Identified Compound reported indicates the presence of an possible analyte or class of analyte that has been 'tentatively identified' and the associated numerical value represents its estimated concentration.
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-02	NON-COMPLIANT-This sample was received outside the EPA recommended holding time.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
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.

Corrective Action: The client confirmed that the PFAS and 1,4-Dioxane analyses were to be performed on MW112 (and not MW111 as noted on the COC).

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. 18B0987

YOUR Information

Company: LANGAN CNG
Address: 360 W 31ST ST 8FL
NY NY 10001
Phone No. (212) 479-5400
Contact Person: KIMDELCOL
E-Mail Address: KDELCOL@LANGAN.COM

Report To:

Company: 4
Address:
Phone No.
Attention:
E-Mail Address: SKNOOP@LANGAN.COM

Invoice To:

Company: 1
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

1703EM501

Purchase Order No.

Samples from: CT ___ NY X NJ ___

Turn-Around Time

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

Report Type

- Summary Report ___
- Summary w/ QA Summary ___
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package X
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)

- Simple Excel ___
- NYSDEC EQuIS ___
- EQuIS (std) X
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___
- **York Regulatory Comparison Excel Spreadsheet**

Compare to the following Regs. (please fill in):

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

Samples Collected/Authorized By (Signature)

Taylor Morgan
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
MW112-022518	02/25/18 1030	GW	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}, CN^-	
MW111-022518	02/25/18 1345	GW	TCL+30 VOCs, +SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}, CN^-, PFAS, 1-4 dioxane	
GWFB03-022518	02/25/18 1200	GW	TCL+30 VOCs +SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}, CN^-, PFAS, 1-4 dioxane	
MW106-022518	02/25/18 1530	GW	CN^-, Dissolved Metals (lab filter)	2 x 250 mL
GWTB03-022518	02/25/18	GW	TCL+30 VOCs	

Comments

Preservation Check those Applicable
4°C X Frozen ___ HCl X MeOH ___ HNO_3 X H_2SO_4 ___ NaOH X
ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions
Field Filtered ☐
Lab to Filter ☐

02/26/18 1310
Samples Relinquished By — Date/Time

Samples Relinquished By — Date/Time

2/26/18 1100 AM
Samples Received By — Date/Time

2/26/18 1856
Samples Received in LAB by — Date/Time

Temperature on Receipt 5.6 °C

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Tel: (916)373-5600

TestAmerica Job ID: 320-36619-1
Client Project/Site: PFAS, PWG RI

For:
York Analytical Laboratories, Inc.
120 Research Drive
Stratford, Connecticut 06615

Attn: Lab Reports

Authorized for release by:
3/19/2018 2:40:37 PM

Jill Kellmann, Manager of Project Management
(916)374-4402
jill.kellmann@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

LCMS

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
I	Value is EMPC (estimated maximum possible concentration).
B	Compound was found in the blank and sample.
*	ISTD response or retention time outside acceptable limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: York Analytical Laboratories, Inc.
Project/Site: PFAS, PWG RI

TestAmerica Job ID: 320-36619-1

Job ID: 320-36619-1

Laboratory: TestAmerica Sacramento

Narrative

Receipt
The samples were received on 3/1/2018 9:50 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.2º C.

Receipt Exceptions

The container label for the following samples did not match the information listed on the Chain-of-Custody (COC): 18B0987-01 (320-36619-1) and 18B0987-03 (320-36619-2).

The container labels list 18B0987-01 and -02 / 18B0987-01 and 03, while the COC lists 18B0987-01/18B0987-03. The lab labeled the samples according to COC, and will proceed with analysis unless instructed by the client otherwise.

LCMS
Method(s) 537 (modified): The following sample was diluted due to chromatographic interference for Perfluorobutanoic acid (PFBA): 18B0987-01 (320-36619-1). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
Method(s) 3535: The following sample was decanted prior to extraction, due to excess sediment that had the potential to clog the solid-phase column:18B0987-01 (320-36619-1).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: York Analytical Laboratories, Inc.
Project/Site: PFAS, PWG RI

TestAmerica Job ID: 320-36619-1

Client Sample ID: 18B0987-01 — Lab Sample ID: 320-36619-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoropentanoic acid (PFPeA)	81		1.9	0.48	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	57		1.9	0.57	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	11		1.9	0.24	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	39		1.9	0.83	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	0.30	J	1.9	0.26	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	17		1.9	0.19	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	9.8	B	1.9	0.17	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	1.5	J	1.9	0.53	ng/L	1		537 (modified)	Total/NA
6:2FTS	7.1	J	19	1.9	ng/L	1		537 (modified)	Total/NA

Client Sample ID: 18B0987-03 — Lab Sample ID: 320-36619-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	10	B	2.0	0.35	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.26	J B	2.0	0.17	ng/L	1		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 18B0987-01
Date Collected: 02/25/18 10:30
Date Received: 03/01/18 09:50

Lab Sample ID: 320-36619-1
Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanoic acid (PFPeA)	**81**		1.9	0.48	ng/L		03/09/18 09:06	03/15/18 17:00	1
Perfluorohexanoic acid (PFHxA)	**57**		1.9	0.57	ng/L		03/09/18 09:06	03/15/18 17:00	1
Perfluoroheptanoic acid (PFHpA)	**11**		1.9	0.24	ng/L		03/09/18 09:06	03/15/18 17:00	1
Perfluorooctanoic acid (PFOA)	**39**		1.9	0.83	ng/L		03/09/18 09:06	03/15/18 17:00	1
Perfluorononanoic acid (PFNA)	**0.30**	**J**	1.9	0.26	ng/L		03/09/18 09:06	03/15/18 17:00	1
Perfluorodecanoic acid (PFDA)	ND		1.9	0.30	ng/L		03/09/18 09:06	03/15/18 17:00	1
Perfluoroundecanoic acid (PFUnA)	ND		1.9	1.1	ng/L		03/09/18 09:06	03/15/18 17:00	1
Perfluorododecanoic acid (PFDoA)	ND		1.9	0.54	ng/L		03/09/18 09:06	03/15/18 17:00	1
Perfluorotridecanoic Acid (PFTriA)	ND		1.9	1.3	ng/L		03/09/18 09:06	03/15/18 17:00	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.9	0.28	ng/L		03/09/18 09:06	03/15/18 17:00	1
Perfluorobutanesulfonic acid (PFBS)	**17**		1.9	0.19	ng/L		03/09/18 09:06	03/15/18 17:00	1
Perfluorohexanesulfonic acid (PFHxS)	**9.8**	**B**	1.9	0.17	ng/L		03/09/18 09:06	03/15/18 17:00	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND	I	1.9	0.19	ng/L		03/09/18 09:06	03/15/18 17:00	1
Perfluorooctanesulfonic acid (PFOS)	**1.5**	**J**	1.9	0.53	ng/L		03/09/18 09:06	03/15/18 17:00	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.9	0.31	ng/L		03/09/18 09:06	03/15/18 17:00	1
Perfluorooctane Sulfonamide (FOSA)	ND		1.9	0.34	ng/L		03/09/18 09:06	03/15/18 17:00	1
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND		19	3.0	ng/L		03/09/18 09:06	03/15/18 17:00	1
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND		19	1.9	ng/L		03/09/18 09:06	03/15/18 17:00	1
6:2FTS	**7.1**	**J**	19	1.9	ng/L		03/09/18 09:06	03/15/18 17:00	1
8:2FTS	ND		19	1.9	ng/L		03/09/18 09:06	03/15/18 17:00	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*61*		*25 - 150*	*03/09/18 09:06*	*03/15/18 17:00*	*1*
13C5 PFPeA	*69*		*25 - 150*	*03/09/18 09:06*	*03/15/18 17:00*	*1*
13C2 PFHxA	*66*		*25 - 150*	*03/09/18 09:06*	*03/15/18 17:00*	*1*
13C4-PFHpA	*83*		*25 - 150*	*03/09/18 09:06*	*03/15/18 17:00*	*1*
13C4 PFOA	*92*		*25 - 150*	*03/09/18 09:06*	*03/15/18 17:00*	*1*
13C5 PFNA	*100*		*25 - 150*	*03/09/18 09:06*	*03/15/18 17:00*	*1*
13C2 PFDA	*95*		*25 - 150*	*03/09/18 09:06*	*03/15/18 17:00*	*1*
13C2 PFUnA	*85*		*25 - 150*	*03/09/18 09:06*	*03/15/18 17:00*	*1*
13C2 PFDoA	*89*		*25 - 150*	*03/09/18 09:06*	*03/15/18 17:00*	*1*
13C2-PFTeDA	*86*		*25 - 150*	*03/09/18 09:06*	*03/15/18 17:00*	*1*
13C3-PFBS	*72*		*25 - 150*	*03/09/18 09:06*	*03/15/18 17:00*	*1*
18O2 PFHxS	*76*		*25 - 150*	*03/09/18 09:06*	*03/15/18 17:00*	*1*
13C4 PFOS	*83*		*25 - 150*	*03/09/18 09:06*	*03/15/18 17:00*	*1*
13C8 FOSA	*83*		*25 - 150*	*03/09/18 09:06*	*03/15/18 17:00*	*1*
d3-NMeFOSAA	*87*		*25 - 150*	*03/09/18 09:06*	*03/15/18 17:00*	*1*
d5-NEtFOSAA	*85*		*25 - 150*	*03/09/18 09:06*	*03/15/18 17:00*	*1*
M2-6:2FTS	*86*		*25 - 150*	*03/09/18 09:06*	*03/15/18 17:00*	*1*
M2-8:2FTS	*102*		*25 - 150*	*03/09/18 09:06*	*03/15/18 17:00*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		39	6.8	ng/L		03/09/18 09:06	03/15/18 17:16	20

Client Sample ID: 18B0987-01

Date Collected: 02/25/18 10:30
Date Received: 03/01/18 09:50

Lab Sample ID: 320-36619-1
Matrix: Water

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	88	*	25 - 150	03/09/18 09:06	03/15/18 17:16	20

Client Sample ID: 18B0987-03

Date Collected: 02/25/18 12:00
Date Received: 03/01/18 09:50

Lab Sample ID: 320-36619-2
Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**10**	**B**	2.0	0.35	ng/L		03/09/18 09:06	03/14/18 19:59	1
Perfluoropentanoic acid (PFPeA)	ND		2.0	0.49	ng/L		03/09/18 09:06	03/14/18 19:59	1
Perfluorohexanoic acid (PFHxA)	ND		2.0	0.58	ng/L		03/09/18 09:06	03/14/18 19:59	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.25	ng/L		03/09/18 09:06	03/14/18 19:59	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.85	ng/L		03/09/18 09:06	03/14/18 19:59	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.27	ng/L		03/09/18 09:06	03/14/18 19:59	1
Perfluorodecanoic acid (PFDA)	ND		2.0	0.31	ng/L		03/09/18 09:06	03/14/18 19:59	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	1.1	ng/L		03/09/18 09:06	03/14/18 19:59	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.55	ng/L		03/09/18 09:06	03/14/18 19:59	1
Perfluorotridecanoic Acid (PFTriA)	ND		2.0	1.3	ng/L		03/09/18 09:06	03/14/18 19:59	1
Perfluorotetradecanoic acid (PFTeA)	ND		2.0	0.29	ng/L		03/09/18 09:06	03/14/18 19:59	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.20	ng/L		03/09/18 09:06	03/14/18 19:59	1
Perfluorohexanesulfonic acid (PFHxS)	**0.26**	**J B**	2.0	0.17	ng/L		03/09/18 09:06	03/14/18 19:59	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		2.0	0.19	ng/L		03/09/18 09:06	03/14/18 19:59	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	0.54	ng/L		03/09/18 09:06	03/14/18 19:59	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	0.32	ng/L		03/09/18 09:06	03/14/18 19:59	1
Perfluorooctane Sulfonamide (FOSA)	ND		2.0	0.35	ng/L		03/09/18 09:06	03/14/18 19:59	1
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND		20	3.1	ng/L		03/09/18 09:06	03/14/18 19:59	1
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND		20	1.9	ng/L		03/09/18 09:06	03/14/18 19:59	1
6:2FTS	ND		20	2.0	ng/L		03/09/18 09:06	03/14/18 19:59	1
8:2FTS	ND		20	2.0	ng/L		03/09/18 09:06	03/14/18 19:59	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	88		25 - 150	03/09/18 09:06	03/14/18 19:59	1
13C5 PFPeA	86		25 - 150	03/09/18 09:06	03/14/18 19:59	1
13C2 PFHxA	86		25 - 150	03/09/18 09:06	03/14/18 19:59	1
13C4-PFHpA	87		25 - 150	03/09/18 09:06	03/14/18 19:59	1
13C4 PFOA	90		25 - 150	03/09/18 09:06	03/14/18 19:59	1
13C5 PFNA	89		25 - 150	03/09/18 09:06	03/14/18 19:59	1
13C2 PFDA	89		25 - 150	03/09/18 09:06	03/14/18 19:59	1
13C2 PFUnA	80		25 - 150	03/09/18 09:06	03/14/18 19:59	1
13C2 PFDoA	77		25 - 150	03/09/18 09:06	03/14/18 19:59	1
13C2-PFTeDA	98		25 - 150	03/09/18 09:06	03/14/18 19:59	1
13C3-PFBS	83		25 - 150	03/09/18 09:06	03/14/18 19:59	1
18O2 PFHxS	81		25 - 150	03/09/18 09:06	03/14/18 19:59	1
13C4 PFOS	77		25 - 150	03/09/18 09:06	03/14/18 19:59	1
13C8 FOSA	77		25 - 150	03/09/18 09:06	03/14/18 19:59	1
d3-NMeFOSAA	83		25 - 150	03/09/18 09:06	03/14/18 19:59	1
d5-NEtFOSAA	89		25 - 150	03/09/18 09:06	03/14/18 19:59	1
M2-6:2FTS	98		25 - 150	03/09/18 09:06	03/14/18 19:59	1

Client: York Analytical Laboratories, Inc.
Project/Site: PFAS, PWG RI

TestAmerica Job ID: 320-36619-1

Client Sample ID: 18B0987-03
Date Collected: 02/25/18 12:00
Date Received: 03/01/18 09:50

Lab Sample ID: 320-36619-2
Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-8:2FTS	100		25 - 150	03/09/18 09:06	03/14/18 19:59	1

Isotope Dilution Summary

Client: York Analytical Laboratories, Inc.
Project/Site: PFAS, PWG RI

TestAmerica Job ID: 320-36619-1

Method: 537 (modified) - Fluorinated Alkyl Substances

Matrix: Water **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFBA (25-150)	PFPeA (25-150)	PFHxA (25-150)	PFHpA (25-150)	PFOA (25-150)	PFNA (25-150)	PFDA (25-150)	PFUnA (25-150)
320-36619-1	18B0987-01	61	69	66	83	92	100	95	85
320-36619-1 - DL	18B0987-01	88 *							
320-36619-2	18B0987-03	88	86	86	87	90	89	89	80
LCS 320-212064/2-A	Lab Control Sample	91	89	89	95	95	93	93	96
MB 320-212064/1-A	Method Blank	92	93	89	94	98	95	103	91

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFDoA (25-150)	PFTDA (25-150)	3C3-PFBS (25-150)	PFHxS (25-150)	PFOS (25-150)	PFOSA (25-150)	-NMeFOSA (25-150)	-NEtFOSA (25-150)
320-36619-1	18B0987-01	89	86	72	76	83	83	87	85
320-36619-1 - DL	18B0987-01								
320-36619-2	18B0987-03	77	98	83	81	77	77	83	89
LCS 320-212064/2-A	Lab Control Sample	83	98	83	83	85	77	86	89
MB 320-212064/1-A	Method Blank	90	105	84	87	85	78	91	87

		Percent Isotope Dilution Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	M262FTS (25-150)	M282FTS (25-150)
320-36619-1	18B0987-01	86	102
320-36619-1 - DL	18B0987-01		
320-36619-2	18B0987-03	98	100
LCS 320-212064/2-A	Lab Control Sample	101	97
MB 320-212064/1-A	Method Blank	103	106

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
PFHxA = 13C2 PFHxA
PFHpA = 13C4-PFHpA
PFOA = 13C4 PFOA
PFNA = 13C5 PFNA
PFDA = 13C2 PFDA
PFUnA = 13C2 PFUnA
PFDoA = 13C2 PFDoA
PFTDA = 13C2-PFTeDA
13C3-PFBS = 13C3-PFBS
PFHxS = 18O2 PFHxS
PFOS = 13C4 PFOS
PFOSA = 13C8 FOSA
d3-NMeFOSAA = d3-NMeFOSAA
d5-NEtFOSAA = d5-NEtFOSAA
M262FTS = M2-6:2FTS
M282FTS = M2-8:2FTS

Method: 537 (modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 320-212064/1-A
Matrix: Water
Analysis Batch: 213036

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 212064

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.462	J	2.0	0.35	ng/L		03/09/18 09:06	03/14/18 19:36	1
Perfluoropentanoic acid (PFPeA)	ND		2.0	0.49	ng/L		03/09/18 09:06	03/14/18 19:36	1
Perfluorohexanoic acid (PFHxA)	ND		2.0	0.58	ng/L		03/09/18 09:06	03/14/18 19:36	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.25	ng/L		03/09/18 09:06	03/14/18 19:36	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.85	ng/L		03/09/18 09:06	03/14/18 19:36	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.27	ng/L		03/09/18 09:06	03/14/18 19:36	1
Perfluorodecanoic acid (PFDA)	ND		2.0	0.31	ng/L		03/09/18 09:06	03/14/18 19:36	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	1.1	ng/L		03/09/18 09:06	03/14/18 19:36	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.55	ng/L		03/09/18 09:06	03/14/18 19:36	1
Perfluorotridecanoic Acid (PFTriA)	ND		2.0	1.3	ng/L		03/09/18 09:06	03/14/18 19:36	1
Perfluorotetradecanoic acid (PFTeA)	ND		2.0	0.29	ng/L		03/09/18 09:06	03/14/18 19:36	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.20	ng/L		03/09/18 09:06	03/14/18 19:36	1
Perfluorohexanesulfonic acid (PFHxS)	0.264	J	2.0	0.17	ng/L		03/09/18 09:06	03/14/18 19:36	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		2.0	0.19	ng/L		03/09/18 09:06	03/14/18 19:36	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	0.54	ng/L		03/09/18 09:06	03/14/18 19:36	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	0.32	ng/L		03/09/18 09:06	03/14/18 19:36	1
Perfluorooctane Sulfonamide (FOSA)	ND		2.0	0.35	ng/L		03/09/18 09:06	03/14/18 19:36	1
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND		20	3.1	ng/L		03/09/18 09:06	03/14/18 19:36	1
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND		20	1.9	ng/L		03/09/18 09:06	03/14/18 19:36	1
6:2FTS	ND		20	2.0	ng/L		03/09/18 09:06	03/14/18 19:36	1
8:2FTS	ND		20	2.0	ng/L		03/09/18 09:06	03/14/18 19:36	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*92*		*25 - 150*	*03/09/18 09:06*	*03/14/18 19:36*	*1*
13C5 PFPeA	*93*		*25 - 150*	*03/09/18 09:06*	*03/14/18 19:36*	*1*
13C2 PFHxA	*89*		*25 - 150*	*03/09/18 09:06*	*03/14/18 19:36*	*1*
13C4-PFHpA	*94*		*25 - 150*	*03/09/18 09:06*	*03/14/18 19:36*	*1*
13C4 PFOA	*98*		*25 - 150*	*03/09/18 09:06*	*03/14/18 19:36*	*1*
13C5 PFNA	*95*		*25 - 150*	*03/09/18 09:06*	*03/14/18 19:36*	*1*
13C2 PFDA	*103*		*25 - 150*	*03/09/18 09:06*	*03/14/18 19:36*	*1*
13C2 PFUnA	*91*		*25 - 150*	*03/09/18 09:06*	*03/14/18 19:36*	*1*
13C2 PFDoA	*90*		*25 - 150*	*03/09/18 09:06*	*03/14/18 19:36*	*1*
13C2-PFTeDA	*105*		*25 - 150*	*03/09/18 09:06*	*03/14/18 19:36*	*1*
13C3-PFBS	*84*		*25 - 150*	*03/09/18 09:06*	*03/14/18 19:36*	*1*
18O2 PFHxS	*87*		*25 - 150*	*03/09/18 09:06*	*03/14/18 19:36*	*1*
13C4 PFOS	*85*		*25 - 150*	*03/09/18 09:06*	*03/14/18 19:36*	*1*
13C8 FOSA	*78*		*25 - 150*	*03/09/18 09:06*	*03/14/18 19:36*	*1*
d3-NMeFOSAA	*91*		*25 - 150*	*03/09/18 09:06*	*03/14/18 19:36*	*1*
d5-NEtFOSAA	*87*		*25 - 150*	*03/09/18 09:06*	*03/14/18 19:36*	*1*
M2-6:2FTS	*103*		*25 - 150*	*03/09/18 09:06*	*03/14/18 19:36*	*1*
M2-8:2FTS	*106*		*25 - 150*	*03/09/18 09:06*	*03/14/18 19:36*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-212064/2-A
Matrix: Water
Analysis Batch: 213036

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 212064

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorobutanoic acid (PFBA)	40.0	41.8		ng/L		104	70 - 130
Perfluoropentanoic acid (PFPeA)	40.0	39.2		ng/L		98	66 - 126
Perfluorohexanoic acid (PFHxA)	40.0	41.2		ng/L		103	66 - 126
Perfluoroheptanoic acid (PFHpA)	40.0	40.0		ng/L		100	66 - 126
Perfluorooctanoic acid (PFOA)	40.0	38.7		ng/L		97	64 - 124
Perfluorononanoic acid (PFNA)	40.0	42.5		ng/L		106	68 - 128
Perfluorodecanoic acid (PFDA)	40.0	44.3		ng/L		111	69 - 129
Perfluoroundecanoic acid (PFUnA)	40.0	38.0		ng/L		95	60 - 120
Perfluorododecanoic acid (PFDoA)	40.0	44.4		ng/L		111	71 - 131
Perfluorotridecanoic Acid (PFTriA)	40.0	44.3		ng/L		111	72 - 132
Perfluorotetradecanoic acid (PFTeA)	40.0	42.3		ng/L		106	68 - 128
Perfluorobutanesulfonic acid (PFBS)	35.4	38.4		ng/L		108	73 - 133
Perfluorohexanesulfonic acid (PFHxS)	36.4	37.3		ng/L		103	63 - 123
Perfluoroheptanesulfonic Acid (PFHpS)	38.1	38.8		ng/L		102	68 - 128
Perfluorooctanesulfonic acid (PFOS)	37.1	38.5		ng/L		104	67 - 127
Perfluorodecanesulfonic acid (PFDS)	38.6	40.4		ng/L		105	68 - 128
Perfluorooctane Sulfonamide (FOSA)	40.0	42.2		ng/L		106	70 - 130
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	40.0	43.7		ng/L		109	67 - 127
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	40.0	40.5		ng/L		101	65 - 125
6:2FTS	37.9	39.1		ng/L		103	66 - 126
8:2FTS	38.3	40.8		ng/L		106	67 - 127

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*91*		*25 - 150*
13C5 PFPeA	*89*		*25 - 150*
13C2 PFHxA	*89*		*25 - 150*
13C4-PFHpA	*95*		*25 - 150*
13C4 PFOA	*95*		*25 - 150*
13C5 PFNA	*93*		*25 - 150*
13C2 PFDA	*93*		*25 - 150*
13C2 PFUnA	*96*		*25 - 150*
13C2 PFDoA	*83*		*25 - 150*
13C2-PFTeDA	*98*		*25 - 150*
13C3-PFBS	*83*		*25 - 150*
18O2 PFHxS	*83*		*25 - 150*
13C4 PFOS	*85*		*25 - 150*
13C8 FOSA	*77*		*25 - 150*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-212064/2-A
Matrix: Water
Analysis Batch: 213036

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 212064

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
d3-NMeFOSAA	86		25 - 150
d5-NEtFOSAA	89		25 - 150
M2-6:2FTS	101		25 - 150
M2-8:2FTS	97		25 - 150

QC Association Summary

Client: York Analytical Laboratories, Inc.
Project/Site: PFAS, PWG RI

TestAmerica Job ID: 320-36619-1

LCMS

Prep Batch: 212064

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-36619-1 - DL	18B0987-01	Total/NA	Water	3535	
320-36619-1	18B0987-01	Total/NA	Water	3535	
320-36619-2	18B0987-03	Total/NA	Water	3535	
MB 320-212064/1-A	Method Blank	Total/NA	Water	3535	
LCS 320-212064/2-A	Lab Control Sample	Total/NA	Water	3535	

Analysis Batch: 213036

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-36619-2	18B0987-03	Total/NA	Water	537 (modified)	212064
MB 320-212064/1-A	Method Blank	Total/NA	Water	537 (modified)	212064
LCS 320-212064/2-A	Lab Control Sample	Total/NA	Water	537 (modified)	212064

Analysis Batch: 213270

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-36619-1	18B0987-01	Total/NA	Water	537 (modified)	212064
320-36619-1 - DL	18B0987-01	Total/NA	Water	537 (modified)	212064

Lab Chronicle

Client: York Analytical Laboratories, Inc.
Project/Site: PFAS, PWG RI

TestAmerica Job ID: 320-36619-1

Client Sample ID: 18B0987-01

Date Collected: 02/25/18 10:30
Date Received: 03/01/18 09:50

Lab Sample ID: 320-36619-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			256.6 mL	10.0 mL	212064	03/09/18 09:06	KMK	TAL SAC
Total/NA	Analysis	537 (modified)		1			213270	03/15/18 17:00	JRB	TAL SAC
Total/NA	Prep	3535	DL		256.6 mL	10.0 mL	212064	03/09/18 09:06	KMK	TAL SAC
Total/NA	Analysis	537 (modified)	DL	20			213270	03/15/18 17:16	JRB	TAL SAC

Client Sample ID: 18B0987-03

Date Collected: 02/25/18 12:00
Date Received: 03/01/18 09:50

Lab Sample ID: 320-36619-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			249.9 mL	10.0 mL	212064	03/09/18 09:06	KMK	TAL SAC
Total/NA	Analysis	537 (modified)		1			213036	03/14/18 19:59	JRB	TAL SAC

Laboratory References:

TAL SAC = TestAmerica Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Accreditation/Certification Summary

Client: York Analytical Laboratories, Inc.
Project/Site: PFAS, PWG RI

TestAmerica Job ID: 320-36619-1

Laboratory: TestAmerica Sacramento

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
Oregon	NELAP	10	4040	01-29-19

The following analytes are included in this report, but accreditation/certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
537 (modified)	3535	Water	6:2FTS
537 (modified)	3535	Water	8:2FTS
537 (modified)	3535	Water	N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)
537 (modified)	3535	Water	N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)
537 (modified)	3535	Water	Perfluorobutanesulfonic acid (PFBS)
537 (modified)	3535	Water	Perfluorobutanoic acid (PFBA)
537 (modified)	3535	Water	Perfluorodecanesulfonic acid (PFDS)
537 (modified)	3535	Water	Perfluorodecanoic acid (PFDA)
537 (modified)	3535	Water	Perfluorododecanoic acid (PFDoA)
537 (modified)	3535	Water	Perfluoroheptanesulfonic Acid (PFHpS)
537 (modified)	3535	Water	Perfluoroheptanoic acid (PFHpA)
537 (modified)	3535	Water	Perfluorohexanesulfonic acid (PFHxS)
537 (modified)	3535	Water	Perfluorohexanoic acid (PFHxA)
537 (modified)	3535	Water	Perfluorononanoic acid (PFNA)
537 (modified)	3535	Water	Perfluorooctane Sulfonamide (FOSA)
537 (modified)	3535	Water	Perfluorooctanesulfonic acid (PFOS)
537 (modified)	3535	Water	Perfluorooctanoic acid (PFOA)
537 (modified)	3535	Water	Perfluoropentanoic acid (PFPeA)
537 (modified)	3535	Water	Perfluorotetradecanoic acid (PFTeA)
537 (modified)	3535	Water	Perfluorotridecanoic Acid (PFTriA)
537 (modified)	3535	Water	Perfluoroundecanoic acid (PFUnA)

Method Summary

Client: York Analytical Laboratories, Inc.
Project/Site: PFAS, PWG RI

TestAmerica Job ID: 320-36619-1

Method	Method Description	Protocol	Laboratory
537 (modified)	Fluorinated Alkyl Substances	EPA	TAL SAC

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL SAC = TestAmerica Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Sample Summary

Client: York Analytical Laboratories, Inc.
Project/Site: PFAS, PWG RI

TestAmerica Job ID: 320-36619-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
320-36619-1	18B0987-01	Water	02/25/18 10:30	03/01/18 09:50
320-36619-2	18B0987-03	Water	02/25/18 12:00	03/01/18 09:50

YORK
Analytical Laboratories, Inc.

2/27/2018

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody
York Project No.: 18B0987

This information is being sent to inform you that York intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact the YORK project manager for further information.

Note: E-mail lab reports to: York_Lab_Report@yorklab.com **Mail/Fax Hard Copies to: York Analytical at the address below**

SENDING LABORATORY:

York Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
Phone: 203.325.1371
Fax: 203.357.0166
Contact: **York Analytical**

RECEIVING LABORATORY:

TestAmerica West Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Phone :(916) 373-5600
Fax: (976) 379-1059

Sample ID: 18B0987-01 **Matrix: Water** **Date Sampled : 02/25/2018 10:30**

Analysis Needed	Date Due	Holding Time Expires	Comments
PFAS in Water by EPA 537	03/05/2018 16:30	03/11/2018 10:30	

** *Containers Supplied:*
10_250mL Square Plastic Cool to 4° C (N) 10_250mL Square Plastic Cool to 4° C (O)

Sample ID: 18B0987-03 * **Matrix: Water** **Date Sampled : 02/25/2018 12:00**

Analysis Needed	Date Due	Holding Time Expires	Comments
PFAS in Water by EPA 537	03/05/2018 16:30	03/11/2018 12:00	

Containers Supplied:
10_250mL Square Plastic Cool to 4° C (J) 10_250mL Square Plastic Cool to 4° C (K)

* 1/2 Labeled 18B0987-03 DH 3/1/18
** 1/2 " 18B0987-02

320-36619 Chain of Custody

York Purchase Order No.: 18336/18722 Samples from State of: **NY**

Deliverables required: **Data Pkg DUE:**

Chain-of-Custody Information

Paul Grace	2/27/2018		3/1/18	930	4.2°C
Released By York Sample Control	Date	Received By	Date		
Received By	Date	Received in Subcontract Lab By	Date		

Login Sample Receipt Checklist

Client: York Analytical Laboratories, Inc.

Job Number: 320-36619-1

Login Number: 36619
List Number: 1
Creator: Her, David A

List Source: TestAmerica Sacramento

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	IDs on containers do not match the COC. Logged in per COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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: 02/14/2020
Client Project ID: 170384501
York Project (SDG) No.: 20B0482

Report Date: 02/14/2020
Client Project ID: 170384501
York Project (SDG) No.: 20B0482

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 February 13, 2020 and listed below. The project was identified as your project: **170384501**.

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
20B0482-01	IP01_021320	Water	02/13/2020	02/13/2020
20B0482-02	MW118_021320	Water	02/13/2020	02/13/2020
20B0482-03	MW112_021320	Water	02/13/2020	02/13/2020
20B0482-04	TB01_021320	Water	02/13/2020	02/13/2020

General Notes for York Project (SDG) No.: 20B0482

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: 02/14/2020

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: IP01_021320 **York Sample ID:** 20B0482-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20B0482	170384501	Water	February 13, 2020 12:00 pm	02/13/2020

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	02/14/2020 07:30	02/14/2020 12:26	SS
								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	02/14/2020 07:30	02/14/2020 12:26	SS
								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	02/14/2020 07:30	02/14/2020 12:26	SS
								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	02/14/2020 07:30	02/14/2020 12:26	SS
								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	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								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	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								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	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								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	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	2.00	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: IP01_021320 **York Sample ID:** 20B0482-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20B0482	170384501	Water	February 13, 2020 12:00 pm	02/13/2020

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	2.00	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								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	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**7.10**		ug/L	1.00	2.00	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	2.00	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								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	02/14/2020 07:30	02/14/2020 12:26	SS
								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	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: IP01_021320 **York Sample ID:** 20B0482-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20B0482	170384501	Water	February 13, 2020 12:00 pm	02/13/2020

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	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								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	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	10.0	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								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	02/14/2020 07:30	02/14/2020 12:26	SS
								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	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: IP01_021320 **York Sample ID:** 20B0482-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20B0482	170384501	Water	February 13, 2020 12:00 pm	02/13/2020

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	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*91.7 %*		*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*		*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*133 %*	S-HI	*79-122*

Iron by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	02/14/2020 11:50	02/14/2020 13:53	JAM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	02/14/2020 11:48	02/14/2020 13:15	JAM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Manganese by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	**Manganese**	**0.0557**		mg/L	0.00556	1	EPA 6010D	02/14/2020 11:50	02/14/2020 13:53	JAM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Manganese, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	**Manganese**	**0.0519**		mg/L	0.00556	1	EPA 6010D	02/14/2020 11:48	02/14/2020 13:15	JAM
							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**	**6.19**		mg/L	0.0500	1	EPA 300.0	02/13/2020 16:42	02/14/2020 03:28	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: IP01_021320 **York Sample ID:** 20B0482-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20B0482	170384501	Water	February 13, 2020 12:00 pm	02/13/2020

Sulfate as SO4

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
14808-79-8	**Sulfate**	**81.8**		mg/L	10.0	10	EPA 300.0	02/13/2020 16:42	02/14/2020 03:54	ZZZ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sulfide

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
18496-25-8	Sulfide	ND		mg/L	1.0	1	SM 4500-S F	02/14/2020 16:02	02/14/2020 16:04	AD
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: MW118_021320 **York Sample ID:** 20B0482-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20B0482	170384501	Water	February 13, 2020 3:00 pm	02/13/2020

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	02/14/2020 07:30	02/14/2020 12:55	SS
								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	02/14/2020 07:30	02/14/2020 12:55	SS
								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	02/14/2020 07:30	02/14/2020 12:55	SS
								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	02/14/2020 07:30	02/14/2020 12:55	SS
								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	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								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	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	**1,2,4-Trimethylbenzene**	**0.770**		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								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	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	**1,3,5-Trimethylbenzene**	**2.37**		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	2.00	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW118_021320 **York Sample ID:** 20B0482-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20B0482	170384501	Water	February 13, 2020 3:00 pm	02/13/2020

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	2.00	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								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	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	2.00	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	**Chloroform**	**1.01**		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								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	02/14/2020 07:30	02/14/2020 12:55	SS
								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	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW118_021320 **York Sample ID:** 20B0482-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20B0482	170384501	Water	February 13, 2020 3:00 pm	02/13/2020

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**	**2.68**		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	**Isopropylbenzene**	**0.300**		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								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	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	**n-Propylbenzene**	**0.780**		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	**p- & m- Xylenes**	**5.98**	SCAL-E	ug/L	0.500	1.00	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	10.0	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								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	02/14/2020 07:30	02/14/2020 12:55	SS
								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	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	**Trichloroethylene**	**0.300**		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW118_021320 **York Sample ID:** 20B0482-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20B0482	170384501	Water	February 13, 2020 3:00 pm	02/13/2020

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	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	**Xylenes, Total**	**5.98**	SCAL-E	ug/L	0.600	1.50	1	EPA 8260C	02/14/2020 07:30	02/14/2020 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.3 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.7 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*79-122*

Iron by EPA 6010

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	02/14/2020 11:50	02/14/2020 13:56	JAM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	02/14/2020 11:48	02/14/2020 13:18	JAM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Manganese by EPA 6010

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	**Manganese**	**0.0113**		mg/L	0.00556	1	EPA 6010D	02/14/2020 11:50	02/14/2020 13:56	JAM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Manganese, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	**Manganese**	**0.00963**		mg/L	0.00556	1	EPA 6010D	02/14/2020 11:48	02/14/2020 13:18	JAM
							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**	**8.68**		mg/L	0.500	10	EPA 300.0	02/13/2020 16:42	02/14/2020 05:44	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: MW118_021320 **York Sample ID:** 20B0482-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20B0482	170384501	Water	February 13, 2020 3:00 pm	02/13/2020

Sulfate as SO4

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
14808-79-8	**Sulfate**	**77.5**		mg/L	10.0	10	EPA 300.0	02/13/2020 16:42	02/14/2020 05:44	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sulfide

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
18496-25-8	**Sulfide**	**1.3**		mg/L	1.0	1	SM 4500-S F	02/14/2020 16:02	02/14/2020 16:04	AD
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: MW112_021320 **York Sample ID:** 20B0482-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20B0482	170384501	Water	February 13, 2020 3:15 pm	02/13/2020

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	02/14/2020 07:30	02/14/2020 13:25	SS
								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	02/14/2020 07:30	02/14/2020 13:25	SS
								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	02/14/2020 07:30	02/14/2020 13:25	SS
								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	02/14/2020 07:30	02/14/2020 13:25	SS
								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	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								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	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	**1,2,4-Trimethylbenzene**	**233**		ug/L	2.00	5.00	10	EPA 8260C	02/14/2020 07:30	02/14/2020 14:04	SS
								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	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	**1,3,5-Trimethylbenzene**	**66.9**		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**1.89**	SCAL-E	ug/L	0.200	2.00	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW112_021320 **York Sample ID:** 20B0482-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20B0482	170384501	Water	February 13, 2020 3:15 pm	02/13/2020

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	2.00	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								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	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**1.84**		ug/L	1.00	2.00	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	2.00	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								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	02/14/2020 07:30	02/14/2020 13:25	SS
								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	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	**Cyclohexane**	**2.29**		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW112_021320 **York Sample ID:** 20B0482-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20B0482	170384501	Water	February 13, 2020 3:15 pm	02/13/2020

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**	**47.2**		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	**Isopropylbenzene**	**8.20**		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								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	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	**Methylcyclohexane**	**2.60**		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	**n-Butylbenzene**	**6.33**		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	**n-Propylbenzene**	**19.1**		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	**o-Xylene**	**176**		ug/L	2.00	5.00	10	EPA 8260C	02/14/2020 07:30	02/14/2020 14:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	**p- & m- Xylenes**	**378**	SCAL-E	ug/L	5.00	10.0	10	EPA 8260C	02/14/2020 07:30	02/14/2020 14:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	**p-Isopropyltoluene**	**1.43**		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	**sec-Butylbenzene**	**3.19**		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	10.0	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	**Toluene**	**4.24**		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								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	02/14/2020 07:30	02/14/2020 13:25	SS
								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	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW112_021320 **York Sample ID:** 20B0482-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20B0482	170384501	Water	February 13, 2020 3:15 pm	02/13/2020

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	02/14/2020 07:30	02/14/2020 13:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	**Xylenes, Total**	**554**	SCAL-E	ug/L	6.00	15.0	10	EPA 8260C	02/14/2020 07:30	02/14/2020 14:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*92.3 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.9 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*79-122*

Iron by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	02/14/2020 11:50	02/14/2020 13:59	JAM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	02/14/2020 11:48	02/14/2020 13:21	JAM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Manganese by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	**Manganese**	**0.402**		mg/L	0.00556	1	EPA 6010D	02/14/2020 11:50	02/14/2020 13:59	JAM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Manganese, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	**Manganese**	**0.395**		mg/L	0.00556	1	EPA 6010D	02/14/2020 11:48	02/14/2020 13:21	JAM
							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**	**64.2**		mg/L	1.00	20	EPA 300.0	02/13/2020 16:42	02/14/2020 09:31	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: MW112_021320 **York Sample ID:** 20B0482-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20B0482	170384501	Water	February 13, 2020 3:15 pm	02/13/2020

Sulfate as SO4

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
14808-79-8	**Sulfate**	**472**		mg/L	20.0	20	EPA 300.0	02/13/2020 16:42	02/14/2020 09:31	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sulfide

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
18496-25-8	Sulfide	ND		mg/L	1.0	1	SM 4500-S F	02/14/2020 16:02	02/14/2020 16:04	AD
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: TB01_021320 **York Sample ID:** 20B0482-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20B0482	170384501	Water	February 13, 2020 4:00 pm	02/13/2020

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	02/14/2020 07:30	02/14/2020 11:56	SS
								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	02/14/2020 07:30	02/14/2020 11:56	SS
								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	02/14/2020 07:30	02/14/2020 11:56	SS
								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	02/14/2020 07:30	02/14/2020 11:56	SS
								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	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								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	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								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	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								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	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	2.00	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB01_021320 **York Sample ID:** 20B0482-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20B0482	170384501	Water	February 13, 2020 4:00 pm	02/13/2020

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	2.00	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								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	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	2.00	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								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	02/14/2020 07:30	02/14/2020 11:56	SS
								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	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB01_021320 **York Sample ID:** 20B0482-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20B0482	170384501	Water	February 13, 2020 4:00 pm	02/13/2020

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	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								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	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	10.0	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								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	02/14/2020 07:30	02/14/2020 11:56	SS
								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	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB01_021320 **York Sample ID:** 20B0482-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20B0482	170384501	Water	February 13, 2020 4:00 pm	02/13/2020

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	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	02/14/2020 07:30	02/14/2020 11:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*92.7 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.2 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*79-122*

Analytical Batch Summary

Batch ID: BB00668 **Preparation Method:** EPA 5030B **Prepared By:** MAT

YORK Sample ID	Client Sample ID	Preparation Date
20B0482-01	IP01_021320	02/14/20
20B0482-02	MW118_021320	02/14/20
20B0482-03	MW112_021320	02/14/20
20B0482-03RE1	MW112_021320	02/14/20
20B0482-04	TB01_021320	02/14/20
BB00668-BLK1	Blank	02/14/20
BB00668-BS1	LCS	02/14/20
BB00668-BSD1	LCS Dup	02/14/20

Batch ID: BB00681 **Preparation Method:** EPA 300 **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
20B0482-01	IP01_021320	02/13/20
20B0482-02	MW118_021320	02/13/20
20B0482-03	MW112_021320	02/13/20
BB00681-BLK1	Blank	02/13/20
BB00681-BS1	LCS	02/13/20

Batch ID: BB00683 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20B0482-01	IP01_021320	02/14/20
20B0482-02	MW118_021320	02/14/20
20B0482-03	MW112_021320	02/14/20
BB00683-BLK1	Blank	02/14/20
BB00683-BS1	LCS	02/14/20
BB00683-DUP1	Duplicate	02/14/20
BB00683-MS1	Matrix Spike	02/14/20
BB00683-PS1	Post Spike	02/14/20

Batch ID: BB00684 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20B0482-01	IP01_021320	02/14/20
20B0482-02	MW118_021320	02/14/20
20B0482-03	MW112_021320	02/14/20
BB00684-BLK1	Blank	02/14/20
BB00684-BS1	LCS	02/14/20

Batch ID: BB00712 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
20B0482-01	IP01_021320	02/14/20

20B0482-02	MW118_021320	02/14/20
20B0482-03	MW112_021320	02/14/20
BB00712-BLK1	Blank	02/14/20
BB00712-BS1	LCS	02/14/20

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 BB00668 - EPA 5030B											
Blank (BB00668-BLK1)											Prepared & Analyzed: 02/14/2020
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	2.00	"								
2-Hexanone	ND	2.00	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	2.00	"								
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 BB00668 - EPA 5030B											
Blank (BB00668-BLK1)								Prepared & Analyzed: 02/14/2020			
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	10.0	"								
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	*9.06*		*"*	*10.0*		*90.6*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.81*		*"*	*10.0*		*98.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.3*		*"*	*10.0*		*113*	*79-122*				
LCS (BB00668-BS1)								Prepared & Analyzed: 02/14/2020			
1,1,1,2-Tetrachloroethane	10.5		ug/L	10.0		105	82-126				
1,1,1-Trichloroethane	10.8		"	10.0		108	78-136				
1,1,2,2-Tetrachloroethane	8.46		"	10.0		84.6	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.79		"	10.0		97.9	54-165				
1,1,2-Trichloroethane	9.01		"	10.0		90.1	82-123				
1,1-Dichloroethane	9.62		"	10.0		96.2	82-129				
1,1-Dichloroethylene	10.0		"	10.0		100	68-138				
1,2,3-Trichlorobenzene	9.21		"	10.0		92.1	76-136				
1,2,3-Trichloropropane	8.60		"	10.0		86.0	77-128				
1,2,4-Trichlorobenzene	9.29		"	10.0		92.9	76-137				
1,2,4-Trimethylbenzene	8.54		"	10.0		85.4	82-132				
1,2-Dibromo-3-chloropropane	8.56		"	10.0		85.6	45-147				
1,2-Dibromoethane	9.34		"	10.0		93.4	83-124				
1,2-Dichlorobenzene	8.20		"	10.0		82.0	79-123				
1,2-Dichloroethane	10.2		"	10.0		102	73-132				
1,2-Dichloropropane	9.28		"	10.0		92.8	78-126				
1,3,5-Trimethylbenzene	8.75		"	10.0		87.5	80-131				
1,3-Dichlorobenzene	7.86		"	10.0		78.6	86-122	Low Bias			
1,4-Dichlorobenzene	9.48		"	10.0		94.8	85-124				
1,4-Dioxane	268		"	210		128	10-349				
2-Butanone	9.16		"	10.0		91.6	49-152				
2-Hexanone	9.50		"	10.0		95.0	51-146				
4-Methyl-2-pentanone	9.36		"	10.0		93.6	57-145				
Acetone	8.15		"	10.0		81.5	14-150				
Acrolein	11.0		"	10.0		110	10-153				
Acrylonitrile	10.0		"	10.0		100	51-150				
Benzene	9.40		"	10.0		94.0	85-126				
Bromochloromethane	9.91		"	10.0		99.1	77-128				
Bromodichloromethane	9.42		"	10.0		94.2	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 BB00668 - EPA 5030B											
LCS (BB00668-BS1)								Prepared & Analyzed: 02/14/2020			
Bromoform	8.93		ug/L	10.0		89.3	78-133				
Bromomethane	4.85		"	10.0		48.5	43-168				
Carbon disulfide	9.71		"	10.0		97.1	68-146				
Carbon tetrachloride	10.9		"	10.0		109	77-141				
Chlorobenzene	8.71		"	10.0		87.1	88-120	Low Bias			
Chloroethane	9.17		"	10.0		91.7	65-136				
Chloroform	9.68		"	10.0		96.8	82-128				
Chloromethane	9.94		"	10.0		99.4	43-155				
cis-1,2-Dichloroethylene	10.0		"	10.0		100	83-129				
cis-1,3-Dichloropropylene	9.41		"	10.0		94.1	80-131				
Cyclohexane	10.1		"	10.0		101	63-149				
Dibromochloromethane	9.56		"	10.0		95.6	80-130				
Dibromomethane	8.84		"	10.0		88.4	72-134				
Dichlorodifluoromethane	11.7		"	10.0		117	44-144				
Ethyl Benzene	9.51		"	10.0		95.1	80-131				
Hexachlorobutadiene	9.75		"	10.0		97.5	67-146				
Isopropylbenzene	8.17		"	10.0		81.7	76-140				
Methyl acetate	9.28		"	10.0		92.8	51-139				
Methyl tert-butyl ether (MTBE)	10.4		"	10.0		104	76-135				
Methylcyclohexane	9.58		"	10.0		95.8	72-143				
Methylene chloride	10.9		"	10.0		109	55-137				
n-Butylbenzene	8.29		"	10.0		82.9	79-132				
n-Propylbenzene	8.29		"	10.0		82.9	78-133				
o-Xylene	9.17		"	10.0		91.7	78-130				
p- & m- Xylenes	18.7		"	20.0		93.4	77-133				
p-Isopropyltoluene	8.43		"	10.0		84.3	81-136				
sec-Butylbenzene	9.27		"	10.0		92.7	79-137				
Styrene	8.91		"	10.0		89.1	67-132				
tert-Butyl alcohol (TBA)	58.7		"	50.0		117	25-162				
tert-Butylbenzene	8.42		"	10.0		84.2	77-138				
Tetrachloroethylene	7.36		"	10.0		73.6	82-131	Low Bias			
Toluene	8.93		"	10.0		89.3	80-127				
trans-1,2-Dichloroethylene	10.6		"	10.0		106	80-132				
trans-1,3-Dichloropropylene	9.38		"	10.0		93.8	78-131				
Trichloroethylene	9.44		"	10.0		94.4	82-128				
Trichlorofluoromethane	8.19		"	10.0		81.9	67-139				
Vinyl Chloride	7.09		"	10.0		70.9	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.49*		*"*	*10.0*		*94.9*	*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 BB00668 - EPA 5030B											
LCS Dup (BB00668-BSD1)								Prepared & Analyzed: 02/14/2020			
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82-126		0.951	30	
1,1,1-Trichloroethane	10.2		"	10.0		102	78-136		5.70	30	
1,1,2,2-Tetrachloroethane	8.68		"	10.0		86.8	76-129		2.57	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.82		"	10.0		88.2	54-165		10.4	30	
1,1,2-Trichloroethane	9.20		"	10.0		92.0	82-123		2.09	30	
1,1-Dichloroethane	8.56		"	10.0		85.6	82-129		11.7	30	
1,1-Dichloroethylene	9.08		"	10.0		90.8	68-138		9.74	30	
1,2,3-Trichlorobenzene	9.46		"	10.0		94.6	76-136		2.68	30	
1,2,3-Trichloropropane	4.57		"	10.0		45.7	77-128	Low Bias	61.2	30	Non-dir.
1,2,4-Trichlorobenzene	9.49		"	10.0		94.9	76-137		2.13	30	
1,2,4-Trimethylbenzene	8.70		"	10.0		87.0	82-132		1.86	30	
1,2-Dibromo-3-chloropropane	9.39		"	10.0		93.9	45-147		9.25	30	
1,2-Dibromoethane	9.41		"	10.0		94.1	83-124		0.747	30	
1,2-Dichlorobenzene	8.39		"	10.0		83.9	79-123		2.29	30	
1,2-Dichloroethane	9.78		"	10.0		97.8	73-132		4.69	30	
1,2-Dichloropropane	9.24		"	10.0		92.4	78-126		0.432	30	
1,3,5-Trimethylbenzene	9.05		"	10.0		90.5	80-131		3.37	30	
1,3-Dichlorobenzene	8.25		"	10.0		82.5	86-122	Low Bias	4.84	30	
1,4-Dichlorobenzene	9.76		"	10.0		97.6	85-124		2.91	30	
1,4-Dioxane	343		"	210		163	10-349		24.6	30	
2-Butanone	7.77		"	10.0		77.7	49-152		16.4	30	
2-Hexanone	9.45		"	10.0		94.5	51-146		0.528	30	
4-Methyl-2-pentanone	9.46		"	10.0		94.6	57-145		1.06	30	
Acetone	8.10		"	10.0		81.0	14-150		0.615	30	
Acrolein	11.3		"	10.0		113	10-153		3.23	30	
Acrylonitrile	9.34		"	10.0		93.4	51-150		6.93	30	
Benzene	8.58		"	10.0		85.8	85-126		9.12	30	
Bromochloromethane	9.15		"	10.0		91.5	77-128		7.97	30	
Bromodichloromethane	9.51		"	10.0		95.1	79-128		0.951	30	
Bromoform	9.28		"	10.0		92.8	78-133		3.84	30	
Bromomethane	4.82		"	10.0		48.2	43-168		0.620	30	
Carbon disulfide	8.94		"	10.0		89.4	68-146		8.26	30	
Carbon tetrachloride	10.3		"	10.0		103	77-141		5.00	30	
Chlorobenzene	8.67		"	10.0		86.7	88-120	Low Bias	0.460	30	
Chloroethane	8.00		"	10.0		80.0	65-136		13.6	30	
Chloroform	8.92		"	10.0		89.2	82-128		8.17	30	
Chloromethane	8.93		"	10.0		89.3	43-155		10.7	30	
cis-1,2-Dichloroethylene	9.37		"	10.0		93.7	83-129		7.00	30	
cis-1,3-Dichloropropylene	9.70		"	10.0		97.0	80-131		3.04	30	
Cyclohexane	8.86		"	10.0		88.6	63-149		13.1	30	
Dibromochloromethane	9.41		"	10.0		94.1	80-130		1.58	30	
Dibromomethane	8.77		"	10.0		87.7	72-134		0.795	30	
Dichlorodifluoromethane	10.9		"	10.0		109	44-144		7.70	30	
Ethyl Benzene	9.39		"	10.0		93.9	80-131		1.27	30	
Hexachlorobutadiene	10.4		"	10.0		104	67-146		6.84	30	
Isopropylbenzene	8.44		"	10.0		84.4	76-140		3.25	30	
Methyl acetate	8.61		"	10.0		86.1	51-139		7.49	30	
Methyl tert-butyl ether (MTBE)	9.90		"	10.0		99.0	76-135		5.12	30	
Methylcyclohexane	9.60		"	10.0		96.0	72-143		0.209	30	
Methylene chloride	9.88		"	10.0		98.8	55-137		9.91	30	
n-Butylbenzene	9.42		"	10.0		94.2	79-132		12.8	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 BB00668 - EPA 5030B											
LCS Dup (BB00668-BSD1)								Prepared & Analyzed: 02/14/2020			
n-Propylbenzene	8.45		ug/L	10.0		84.5	78-133		1.91	30	
o-Xylene	9.09		"	10.0		90.9	78-130		0.876	30	
p- & m- Xylenes	18.6		"	20.0		93.0	77-133		0.376	30	
p-Isopropyltoluene	8.77		"	10.0		87.7	81-136		3.95	30	
sec-Butylbenzene	9.38		"	10.0		93.8	79-137		1.18	30	
Styrene	9.06		"	10.0		90.6	67-132		1.67	30	
tert-Butyl alcohol (TBA)	62.8		"	50.0		126	25-162		6.60	30	
tert-Butylbenzene	8.56		"	10.0		85.6	77-138		1.65	30	
Tetrachloroethylene	7.25		"	10.0		72.5	82-131	Low Bias	1.51	30	
Toluene	9.03		"	10.0		90.3	80-127		1.11	30	
trans-1,2-Dichloroethylene	9.54		"	10.0		95.4	80-132		10.3	30	
trans-1,3-Dichloropropylene	9.32		"	10.0		93.2	78-131		0.642	30	
Trichloroethylene	9.18		"	10.0		91.8	82-128		2.79	30	
Trichlorofluoromethane	7.37		"	10.0		73.7	67-139		10.5	30	
Vinyl Chloride	5.60		"	10.0		56.0	58-145	Low Bias	23.5	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.29*		*"*	*10.0*		*92.9*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.94*		*"*	*10.0*		*99.4*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.9*		*"*	*10.0*		*109*	*79-122*				

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 BB00683 - EPA 3015A											
Blank (BB00683-BLK1)								Prepared & Analyzed: 02/14/2020			
Iron - Dissolved	ND	0.278	mg/L								
Manganese - Dissolved	ND	0.00556	"								
LCS (BB00683-BS1)								Prepared & Analyzed: 02/14/2020			
Iron - Dissolved	0.950		ug/mL	1.00		95.0	80-120				
Manganese - Dissolved	0.470		"	0.500		94.0	80-120				
Duplicate (BB00683-DUP1)	*Source sample: 20B0482-03 (MW112_021320)							Prepared & Analyzed: 02/14/2020			
Iron - Dissolved	ND	0.278	mg/L		ND					20	
Manganese - Dissolved	0.405	0.00556	"		0.395				2.46	20	
Matrix Spike (BB00683-MS1)	*Source sample: 20B0482-03 (MW112_021320)							Prepared & Analyzed: 02/14/2020			
Iron - Dissolved	1.13	0.278	mg/L	1.11	ND	102	75-125				
Manganese - Dissolved	0.934	0.00556	"	0.556	0.395	97.0	75-125				
Post Spike (BB00683-PS1)	*Source sample: 20B0482-03 (MW112_021320)							Prepared & Analyzed: 02/14/2020			
Iron - Dissolved	1.09		ug/mL	1.00	0.252	83.6	75-125				
Manganese - Dissolved	0.894		"	0.500	1.78	NR	75-125	Low Bias			
Batch BB00684 - EPA 3015A											
Blank (BB00684-BLK1)								Prepared & Analyzed: 02/14/2020			
Iron	ND	0.278	mg/L								
Manganese	ND	0.00556	"								
LCS (BB00684-BS1)								Prepared & Analyzed: 02/14/2020			
Iron	0.980		ug/mL	1.00		98.0	80-120				
Manganese	0.480		"	0.500		95.9	80-120				

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 BB00681 - EPA 300											
Blank (BB00681-BLK1)									Prepared & Analyzed: 02/13/2020		
Nitrate as N	ND	0.0500	mg/L								
Sulfate	ND	1.00	"								
LCS (BB00681-BS1)									Prepared & Analyzed: 02/13/2020		
Nitrate as N	10.5	0.0500	mg/L	10.0		105	90-110				
Sulfate	10.3	1.00	"	10.0		103	85-115				

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 BB00712 - Analysis Preparation											
Blank (BB00712-BLK1)									Prepared & Analyzed: 02/14/2020		
Sulfide	ND	1.0	mg/L								
LCS (BB00712-BS1)									Prepared & Analyzed: 02/14/2020		
Sulfide	48	1.0	mg/L	50.0		96.0	80-120				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20B0482-01	IP01_021320	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20B0482-02	MW118_021320	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20B0482-03	MW112_021320	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20B0482-04	TB01_021320	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.
SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
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.
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.

Corrective Action: Lab did not receive sample containers for SVOCs

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. 20B0482

YOUR Information	Report To:	Invoice To:
Company: LANGAN	Company:	Company:
Address: 360 W 31ST ST. 8TH FLOOR, NY	Address:	Address:
Phone: 212 479 5400	Phone:	Phone:
Contact: KIM SEMON	Contact:	Contact:
E-mail: KSEMON@LANGAN.COM	E-mail:	E-mail:

YOUR Project Number: 170384501

YOUR Project Name: 805-825 ATLANTIC AVENUE

YOUR PO#:

Turn-Around Time

- RUSH - Next Day [X]
- 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)

JOAQUIN CAMBERO

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 | | NYSDEC EQuIS
NY ASP B Package [X] | NJDEP Reduced Deliverables | NJDEP SRP HazSite
TCL/TAL [X] | 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
IP01-021320	GW	2/13/20 12:00	TCL/TAL VOCs	
MW118-021320		2/13/20 15:00	TCL/TAL SVOCs	
MW112-021320		2/13/20 15:15	TPH 680	
TB01-021320	AQ	2/13/20 16:00	TOTAL + DISSOLVED IRON	
			TOTAL + DISSOLVED MANGANESE	
↳ ANALYZE FOR TCL/TAL VOCs ONLY			SULFATE	
			NITRATE	
			(A) ALL SAMPLES TO BE ANALYZED FOR ANALYSES LISTED ABOVE	

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
Joaquin Cambero / LANGAN	2/13/2020 17:07	YORK	2-13-20 1707		2-13-20 1830
Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
	2/13/20		2/13/20 2028		
Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
				J. Gale	2-13-20/2028 — 1.6 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: 02/17/2020
Client Project ID: 170384501
York Project (SDG) No.: 20B0541

Report Date: 02/17/2020
Client Project ID: 170384501
York Project (SDG) No.: 20B0541

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 February 14, 2020 and listed below. The project was identified as your project: **170384501**.

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
20B0541-01	IP08_021420	Water	02/14/2020	02/14/2020
20B0541-02	IP03_021420	Water	02/14/2020	02/14/2020
20B0541-03	TB02_021420	Water	02/14/2020	02/14/2020

General Notes for York Project (SDG) No.: 20B0541

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: 02/17/2020

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: IP08_021420 **York Sample ID:** 20B0541-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20B0541	170384501	Water	February 14, 2020 10:00 am	02/14/2020

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	02/17/2020 07:30	02/17/2020 14:16	SS
								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	02/17/2020 07:30	02/17/2020 14:16	SS
								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	02/17/2020 07:30	02/17/2020 14:16	SS
								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	02/17/2020 07:30	02/17/2020 14:16	SS
								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	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								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	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								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	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								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	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	2.00	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: IP08_021420 **York Sample ID:** 20B0541-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20B0541	170384501	Water	February 14, 2020 10:00 am	02/14/2020

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	2.00	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								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	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	2.00	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	**Chloroform**	**0.460**		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								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	02/17/2020 07:30	02/17/2020 14:16	SS
								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	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: IP08_021420 **York Sample ID:** 20B0541-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20B0541	170384501	Water	February 14, 2020 10:00 am	02/14/2020

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	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								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	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	10.0	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								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	02/17/2020 07:30	02/17/2020 14:16	SS
								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	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: IP08_021420 **York Sample ID:** 20B0541-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20B0541	170384501	Water	February 14, 2020 10:00 am	02/14/2020

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	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*95.5 %*		*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.3 %*		*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*130 %*	S-HI	*79-122*

Iron by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.988**		mg/L	0.278	1	EPA 6010D	02/17/2020 13:18	02/17/2020 17:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	02/17/2020 13:13	02/17/2020 16:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Manganese by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	**Manganese**	**0.363**		mg/L	0.00556	1	EPA 6010D	02/17/2020 13:18	02/17/2020 17:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Manganese, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	**Manganese**	**0.322**		mg/L	0.00556	1	EPA 6010D	02/17/2020 13:13	02/17/2020 16:34	KML
							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**	**0.844**		mg/L	0.0500	1	EPA 300.0	02/14/2020 16:00	02/15/2020 00:22	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: IP08_021420 **York Sample ID:** 20B0541-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20B0541	170384501	Water	February 14, 2020 10:00 am	02/14/2020

Sulfate as SO4

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
14808-79-8	**Sulfate**	**57.8**		mg/L	2.00	2	EPA 300.0	02/17/2020 10:00	02/17/2020 11:37	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sulfide

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
18496-25-8	**Sulfide**	**2.8**		mg/L	1.0	1	SM 4500-S F	02/17/2020 10:19	02/17/2020 13:31	TJM
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: IP03_021420 **York Sample ID:** 20B0541-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20B0541	170384501	Water	February 14, 2020 12:00 pm	02/14/2020

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	02/17/2020 07:30	02/17/2020 14:46	SS
								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	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								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	02/17/2020 07:30	02/17/2020 14:46	SS
								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	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND	IS-LO	ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND	IS-LO	ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND	IS-LO	ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	**1,2,4-Trimethylbenzene**	**0.540**	IS-LO	ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND	IS-LO	ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	**1,3,5-Trimethylbenzene**	**0.220**	IS-LO	ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND	IS-LO	ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND	IS-LO	ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	2.00	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: IP03_021420 **York Sample ID:** 20B0541-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20B0541	170384501	Water	February 14, 2020 12:00 pm	02/14/2020

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	2.00	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								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	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	2.00	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	**Chloroform**	**0.410**		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								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	02/17/2020 07:30	02/17/2020 14:46	SS
								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	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: IP03_021420 **York Sample ID:** 20B0541-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20B0541	170384501	Water	February 14, 2020 12:00 pm	02/14/2020

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	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND	IS-LO	ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND	IS-LO	ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								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	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND	IS-LO	ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND	IS-LO	ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	**p- & m- Xylenes**	**5.99**	B, SCAL-E	ug/L	0.500	1.00	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND	IS-LO	ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND	IS-LO	ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	10.0	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND	IS-LO	ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								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	02/17/2020 07:30	02/17/2020 14:46	SS
								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	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: IP03_021420 **York Sample ID:** 20B0541-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20B0541	170384501	Water	February 14, 2020 12:00 pm	02/14/2020

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
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	**Xylenes, Total**	**5.99**	B	ug/L	0.600	1.50	1	EPA 8260C	02/17/2020 07:30	02/17/2020 14:46	SS
								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*	*112 %*		*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*154 %*	S-03	*79-122*

Iron by EPA 6010

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	02/17/2020 13:18	02/17/2020 17:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	02/17/2020 13:13	02/17/2020 16:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Manganese by EPA 6010

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	**Manganese**	**0.423**		mg/L	0.00556	1	EPA 6010D	02/17/2020 13:18	02/17/2020 17:08	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Manganese, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	**Manganese**	**0.423**		mg/L	0.00556	1	EPA 6010D	02/17/2020 13:13	02/17/2020 16:37	KML
							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

Sample Information

Client Sample ID: IP03_021420 **York Sample ID:** 20B0541-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20B0541	170384501	Water	February 14, 2020 12:00 pm	02/14/2020

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**	**1.61**		mg/L	0.0500	1	EPA 300.0	02/14/2020 16:00	02/15/2020 01:43	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sulfate as SO4

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
14808-79-8	**Sulfate**	**145**		mg/L	10.0	10	EPA 300.0	02/17/2020 10:00	02/17/2020 12:30	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sulfide

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
18496-25-8	**Sulfide**	**3.2**		mg/L	1.0	1	SM 4500-S F	02/17/2020 10:19	02/17/2020 13:31	TJM
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: TB02_021420 **York Sample ID:** 20B0541-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20B0541	170384501	Water	February 14, 2020 3:00 pm	02/14/2020

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	02/17/2020 07:30	02/17/2020 13:47	SS
								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	02/17/2020 07:30	02/17/2020 13:47	SS
								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	02/17/2020 07:30	02/17/2020 13:47	SS
								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	02/17/2020 07:30	02/17/2020 13:47	SS
								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	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								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	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								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	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								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	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	2.00	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB02_021420 **York Sample ID:** 20B0541-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20B0541	170384501	Water	February 14, 2020 3:00 pm	02/14/2020

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	2.00	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								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	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	2.00	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								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	02/17/2020 07:30	02/17/2020 13:47	SS
								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	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB02_021420 **York Sample ID:** 20B0541-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20B0541	170384501	Water	February 14, 2020 3:00 pm	02/14/2020

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	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								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	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	10.0	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								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	02/17/2020 07:30	02/17/2020 13:47	SS
								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	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB02_021420 **York Sample ID:** 20B0541-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20B0541	170384501	Water	February 14, 2020 3:00 pm	02/14/2020

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	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	02/17/2020 07:30	02/17/2020 13:47	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*92.1 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.7 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*117 %*	*79-122*

Analytical Batch Summary

Batch ID: BB00739 **Preparation Method:** EPA 300 **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
20B0541-01	IP08_021420	02/14/20
20B0541-02	IP03_021420	02/14/20
BB00739-BLK1	Blank	02/14/20
BB00739-BS1	LCS	02/14/20

Batch ID: BB00752 **Preparation Method:** EPA 5030B **Prepared By:** MAT

YORK Sample ID	Client Sample ID	Preparation Date
20B0541-01	IP08_021420	02/17/20
20B0541-02	IP03_021420	02/17/20
20B0541-03	TB02_021420	02/17/20
BB00752-BLK1	Blank	02/17/20
BB00752-BS1	LCS	02/17/20
BB00752-BS2	LCS	02/17/20
BB00752-BSD1	LCS Dup	02/17/20

Batch ID: BB00756 **Preparation Method:** Analysis Preparation **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
20B0541-01	IP08_021420	02/17/20
20B0541-02	IP03_021420	02/17/20
BB00756-BLK1	Blank	02/17/20
BB00756-BS1	LCS	02/17/20

Batch ID: BB00769 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20B0541-01	IP08_021420	02/17/20
20B0541-02	IP03_021420	02/17/20
BB00769-BLK1	Blank	02/17/20
BB00769-BS1	LCS	02/17/20
BB00769-DUP1	Duplicate	02/17/20
BB00769-MS1	Matrix Spike	02/17/20
BB00769-PS1	Post Spike	02/17/20

Batch ID: BB00770 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20B0541-01	IP08_021420	02/17/20
20B0541-02	IP03_021420	02/17/20
BB00770-BLK1	Blank	02/17/20
BB00770-BS1	LCS	02/17/20

Batch ID: BB00787 **Preparation Method:** EPA 300 **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
20B0541-01	IP08_021420	02/17/20
20B0541-02	IP03_021420	02/17/20
BB00787-BLK1	Blank	02/17/20
BB00787-BS1	LCS	02/17/20
BB00787-DUP1	Duplicate	02/17/20

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 BB00752 - EPA 5030B											
Blank (BB00752-BLK1)											Prepared & Analyzed: 02/17/2020
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	2.00	"								
2-Hexanone	ND	2.00	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	2.00	"								
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

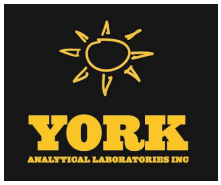
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB00752 - EPA 5030B											
Blank (BB00752-BLK1)								Prepared & Analyzed: 02/17/2020			
n-Butylbenzene	ND	0.500	ug/L								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	5.97	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	10.0	"								
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	10.5	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.53*		*"*	*10.0*		*95.3*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.56*		*"*	*10.0*		*95.6*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*12.1*		*"*	*10.0*		*121*	*79-122*				
LCS (BB00752-BS1)								Prepared & Analyzed: 02/17/2020			
1,1,1,2-Tetrachloroethane	10.8		ug/L	10.0		108	82-126				
1,1,1-Trichloroethane	10.7		"	10.0		107	78-130				
1,1,2,2-Tetrachloroethane	8.26		"	10.0		82.6	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.51		"	10.0		95.1	70-130				
1,1,2-Trichloroethane	9.43		"	10.0		94.3	82-123				
1,1-Dichloroethane	9.49		"	10.0		94.9	82-129				
1,1-Dichloroethylene	10.1		"	10.0		101	70-130				
1,2,3-Trichlorobenzene	9.20		"	10.0		92.0	76-130				
1,2,3-Trichloropropane	8.97		"	10.0		89.7	77-128				
1,2,4-Trichlorobenzene	9.25		"	10.0		92.5	76-130				
1,2,4-Trimethylbenzene	8.74		"	10.0		87.4	82-132				
1,2-Dibromo-3-chloropropane	9.65		"	10.0		96.5	45-147				
1,2-Dibromoethane	9.33		"	10.0		93.3	83-124				
1,2-Dichlorobenzene	8.19		"	10.0		81.9	79-123				
1,2-Dichloroethane	10.2		"	10.0		102	73-130				
1,2-Dichloropropane	9.86		"	10.0		98.6	78-126				
1,3,5-Trimethylbenzene	8.89		"	10.0		88.9	80-131				
1,3-Dichlorobenzene	8.17		"	10.0		81.7	86-122	Low Bias			
1,4-Dichlorobenzene	9.69		"	10.0		96.9	85-124				
1,4-Dioxane	339		"	210		161	40-160	High Bias			
2-Butanone	7.34		"	10.0		73.4	49-152				
2-Hexanone	9.48		"	10.0		94.8	51-146				
4-Methyl-2-pentanone	9.12		"	10.0		91.2	57-145				
Acetone	8.82		"	10.0		88.2	40-150				
Acrolein	11.0		"	10.0		110	10-153				
Acrylonitrile	9.30		"	10.0		93.0	51-150				
Benzene	9.20		"	10.0		92.0	85-126				
Bromochloromethane	9.48		"	10.0		94.8	77-128				
Bromodichloromethane	10.0		"	10.0		100	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 BB00752 - EPA 5030B											
LCS (BB00752-BS1)								Prepared & Analyzed: 02/17/2020			
Bromoform	9.53		ug/L	10.0		95.3	78-130				
Bromomethane	7.20		"	10.0		72.0	43-160				
Carbon disulfide	9.55		"	10.0		95.5	68-146				
Carbon tetrachloride	10.8		"	10.0		108	77-130				
Chlorobenzene	9.18		"	10.0		91.8	88-120				
Chloroethane	8.60		"	10.0		86.0	65-136				
Chloroform	9.57		"	10.0		95.7	82-128				
Chloromethane	9.86		"	10.0		98.6	43-155				
cis-1,2-Dichloroethylene	9.89		"	10.0		98.9	83-129				
cis-1,3-Dichloropropylene	10.1		"	10.0		101	80-130				
Cyclohexane	9.29		"	10.0		92.9	70-130				
Dibromochloromethane	9.69		"	10.0		96.9	80-130				
Dibromomethane	9.56		"	10.0		95.6	72-134				
Dichlorodifluoromethane	12.0		"	10.0		120	44-144				
Ethyl Benzene	9.81		"	10.0		98.1	80-130				
Hexachlorobutadiene	10.3		"	10.0		103	67-146				
Isopropylbenzene	8.47		"	10.0		84.7	76-130				
Methyl acetate	9.45		"	10.0		94.5	70-130				
Methyl tert-butyl ether (MTBE)	9.70		"	10.0		97.0	76-130				
Methylcyclohexane	9.98		"	10.0		99.8	72-130				
Methylene chloride	10.1		"	10.0		101	70-130				
n-Butylbenzene	9.86		"	10.0		98.6	79-132				
n-Propylbenzene	8.46		"	10.0		84.6	78-133				
o-Xylene	9.42		"	10.0		94.2	78-130				
p- & m- Xylenes	19.3		"	20.0		96.4	77-130				
p-Isopropyltoluene	8.85		"	10.0		88.5	81-136				
sec-Butylbenzene	9.46		"	10.0		94.6	79-137				
Styrene	9.38		"	10.0		93.8	70-130				
tert-Butyl alcohol (TBA)	59.8		"	50.0		120	25-162				
tert-Butylbenzene	8.51		"	10.0		85.1	77-138				
Tetrachloroethylene	7.58		"	10.0		75.8	82-130	Low Bias			
Toluene	9.45		"	10.0		94.5	80-127				
trans-1,2-Dichloroethylene	10.3		"	10.0		103	80-130				
trans-1,3-Dichloropropylene	9.67		"	10.0		96.7	78-130				
Trichloroethylene	9.79		"	10.0		97.9	82-128				
Trichlorofluoromethane	7.62		"	10.0		76.2	67-139				
Vinyl Chloride	6.65		"	10.0		66.5	70-130	Low Bias			
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.42*		*"*	*10.0*		*94.2*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.88*		*"*	*10.0*		*98.8*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.9*		*"*	*10.0*		*109*	*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 BB00752 - EPA 5030B											
LCS (BB00752-BS2)							Prepared & Analyzed: 02/17/2020				
1,1,1,2-Tetrachloroethane	11.2		ug/L	10.0		112	82-126				
1,1,1-Trichloroethane	11.1		"	10.0		111	78-130				
1,1,2,2-Tetrachloroethane	9.42		"	10.0		94.2	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.89		"	10.0		98.9	70-130				
1,1,2-Trichloroethane	9.87		"	10.0		98.7	82-123				
1,1-Dichloroethane	9.66		"	10.0		96.6	82-129				
1,1-Dichloroethylene	10.3		"	10.0		103	70-130				
1,2,3-Trichlorobenzene	10.2		"	10.0		102	76-130				
1,2,3-Trichloropropane	10.6		"	10.0		106	77-128				
1,2,4-Trichlorobenzene	10.3		"	10.0		103	76-130				
1,2,4-Trimethylbenzene	9.68		"	10.0		96.8	82-132				
1,2-Dibromo-3-chloropropane	10.7		"	10.0		107	45-147				
1,2-Dibromoethane	9.96		"	10.0		99.6	83-124				
1,2-Dichlorobenzene	9.18		"	10.0		91.8	79-123				
1,2-Dichloroethane	10.3		"	10.0		103	73-130				
1,2-Dichloropropane	10.3		"	10.0		103	78-126				
1,3,5-Trimethylbenzene	9.88		"	10.0		98.8	80-131				
1,3-Dichlorobenzene	8.83		"	10.0		88.3	86-122				
1,4-Dichlorobenzene	10.2		"	10.0		102	85-124				
1,4-Dioxane	305		"	210		145	40-160				
2-Butanone	8.38		"	10.0		83.8	49-152				
2-Hexanone	9.16		"	10.0		91.6	51-146				
4-Methyl-2-pentanone	9.82		"	10.0		98.2	57-145				
Acetone	8.79		"	10.0		87.9	40-150				
Acrolein	11.2		"	10.0		112	10-153				
Acrylonitrile	10.6		"	10.0		106	51-150				
Benzene	9.43		"	10.0		94.3	85-126				
Bromochloromethane	9.86		"	10.0		98.6	77-128				
Bromodichloromethane	10.5		"	10.0		105	79-128				
Bromoform	9.53		"	10.0		95.3	78-130				
Bromomethane	7.43		"	10.0		74.3	43-160				
Carbon disulfide	10.0		"	10.0		100	68-146				
Carbon tetrachloride	11.1		"	10.0		111	77-130				
Chlorobenzene	9.27		"	10.0		92.7	88-120				
Chloroethane	8.62		"	10.0		86.2	65-136				
Chloroform	9.90		"	10.0		99.0	82-128				
Chloromethane	10.2		"	10.0		102	43-155				
cis-1,2-Dichloroethylene	10.1		"	10.0		101	83-129				
cis-1,3-Dichloropropylene	10.5		"	10.0		105	80-130				
Cyclohexane	9.34		"	10.0		93.4	70-130				
Dibromochloromethane	10.1		"	10.0		101	80-130				
Dibromomethane	9.71		"	10.0		97.1	72-134				
Dichlorodifluoromethane	12.8		"	10.0		128	44-144				
Ethyl Benzene	9.99		"	10.0		99.9	80-130				
Hexachlorobutadiene	11.2		"	10.0		112	67-146				
Isopropylbenzene	9.41		"	10.0		94.1	76-130				
Methyl acetate	9.34		"	10.0		93.4	70-130				
Methyl tert-butyl ether (MTBE)	9.99		"	10.0		99.9	76-130				
Methylcyclohexane	10.2		"	10.0		102	72-130				
Methylene chloride	10.7		"	10.0		107	70-130				
n-Butylbenzene	9.33		"	10.0		93.3	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 BB00752 - EPA 5030B											
LCS (BB00752-BS2)								Prepared & Analyzed: 02/17/2020			
n-Propylbenzene	9.31		ug/L	10.0		93.1	78-133				
o-Xylene	9.67		"	10.0		96.7	78-130				
p- & m- Xylenes	19.7		"	20.0		98.5	77-130				
p-Isopropyltoluene	9.59		"	10.0		95.9	81-136				
sec-Butylbenzene	10.3		"	10.0		103	79-137				
Styrene	9.48		"	10.0		94.8	70-130				
tert-Butyl alcohol (TBA)	60.3		"	50.0		121	25-162				
tert-Butylbenzene	9.33		"	10.0		93.3	77-138				
Tetrachloroethylene	8.31		"	10.0		83.1	82-130				
Toluene	9.85		"	10.0		98.5	80-127				
trans-1,2-Dichloroethylene	10.9		"	10.0		109	80-130				
trans-1,3-Dichloropropylene	10.0		"	10.0		100	78-130				
Trichloroethylene	10.1		"	10.0		101	82-128				
Trichlorofluoromethane	7.88		"	10.0		78.8	67-139				
Vinyl Chloride	6.65		"	10.0		66.5	70-130	Low Bias			
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.30*		*"*	*10.0*		*93.0*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.83*		*"*	*10.0*		*98.3*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.2*		*"*	*10.0*		*112*	*79-122*				
LCS Dup (BB00752-BSD1)								Prepared & Analyzed: 02/17/2020			
1,1,1,2-Tetrachloroethane	10.9		ug/L	10.0		109	82-126		1.39	30	
1,1,1-Trichloroethane	10.9		"	10.0		109	78-130		1.85	20	
1,1,2,2-Tetrachloroethane	8.93		"	10.0		89.3	76-129		7.80	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.36		"	10.0		93.6	70-130		1.59	20	
1,1,2-Trichloroethane	9.10		"	10.0		91.0	82-123		3.56	20	
1,1-Dichloroethane	9.33		"	10.0		93.3	82-129		1.70	20	
1,1-Dichloroethylene	10.0		"	10.0		100	70-130		0.794	20	
1,2,3-Trichlorobenzene	9.47		"	10.0		94.7	76-130		2.89	20	
1,2,3-Trichloropropane	9.13		"	10.0		91.3	77-128		1.77	30	
1,2,4-Trichlorobenzene	8.81		"	10.0		88.1	76-130		4.87	20	
1,2,4-Trimethylbenzene	8.88		"	10.0		88.8	82-132		1.59	20	
1,2-Dibromo-3-chloropropane	9.44		"	10.0		94.4	45-147		2.20	20	
1,2-Dibromoethane	9.23		"	10.0		92.3	83-124		1.08	20	
1,2-Dichlorobenzene	8.51		"	10.0		85.1	79-123		3.83	20	
1,2-Dichloroethane	10.0		"	10.0		100	73-130		1.78	20	
1,2-Dichloropropane	9.31		"	10.0		93.1	78-126		5.74	20	
1,3,5-Trimethylbenzene	9.12		"	10.0		91.2	80-131		2.55	30	
1,3-Dichlorobenzene	8.33		"	10.0		83.3	86-122	Low Bias	1.94	20	
1,4-Dichlorobenzene	9.87		"	10.0		98.7	85-124		1.84	20	
1,4-Dioxane	278		"	210		132	40-160		19.8	20	
2-Butanone	10.3		"	10.0		103	49-152		33.8	20	Non-dir.
2-Hexanone	9.14		"	10.0		91.4	51-146		3.65	20	
4-Methyl-2-pentanone	9.36		"	10.0		93.6	57-145		2.60	20	
Acetone	9.01		"	10.0		90.1	40-150		2.13	20	
Acrolein	10.7		"	10.0		107	10-153		2.67	30	
Acrylonitrile	9.98		"	10.0		99.8	51-150		7.05	30	
Benzene	9.40		"	10.0		94.0	85-126		2.15	20	
Bromochloromethane	9.34		"	10.0		93.4	77-128		1.49	20	
Bromodichloromethane	10.2		"	10.0		102	79-128		1.48	20	
Bromoform	9.69		"	10.0		96.9	78-130		1.66	20	
Bromomethane	7.33		"	10.0		73.3	43-160		1.79	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 BB00752 - EPA 5030B											
LCS Dup (BB00752-BSD1)								Prepared & Analyzed: 02/17/2020			
Carbon disulfide	9.77		ug/L	10.0		97.7	68-146		2.28	20	
Carbon tetrachloride	10.8		"	10.0		108	77-130		0.0925	20	
Chlorobenzene	8.72		"	10.0		87.2	88-120	Low Bias	5.14	20	
Chloroethane	7.88		"	10.0		78.8	65-136		8.74	20	
Chloroform	9.76		"	10.0		97.6	82-128		1.97	20	
Chloromethane	10.1		"	10.0		101	43-155		2.11	20	
cis-1,2-Dichloroethylene	10.1		"	10.0		101	83-129		2.50	20	
cis-1,3-Dichloropropylene	9.91		"	10.0		99.1	80-130		1.80	20	
Cyclohexane	9.35		"	10.0		93.5	70-130		0.644	20	
Dibromochloromethane	9.33		"	10.0		93.3	80-130		3.79	20	
Dibromomethane	9.46		"	10.0		94.6	72-134		1.05	30	
Dichlorodifluoromethane	11.6		"	10.0		116	44-144		3.98	20	
Ethyl Benzene	9.38		"	10.0		93.8	80-130		4.48	20	
Hexachlorobutadiene	10.0		"	10.0		100	67-146		2.56	30	
Isopropylbenzene	8.12		"	10.0		81.2	76-130		4.22	20	
Methyl acetate	9.72		"	10.0		97.2	70-130		2.82	20	
Methyl tert-butyl ether (MTBE)	9.76		"	10.0		97.6	76-130		0.617	20	
Methylcyclohexane	9.64		"	10.0		96.4	72-130		3.47	20	
Methylene chloride	10.5		"	10.0		105	70-130		3.78	20	
n-Butylbenzene	7.86		"	10.0		78.6	79-132	Low Bias	22.6	30	
n-Propylbenzene	8.05		"	10.0		80.5	78-133		4.97	30	
o-Xylene	9.09		"	10.0		90.9	78-130		3.57	20	
p- & m- Xylenes	19.2		"	20.0		95.9	77-130		0.468	20	
p-Isopropyltoluene	8.90		"	10.0		89.0	81-136		0.563	30	
sec-Butylbenzene	9.48		"	10.0		94.8	79-137		0.211	30	
Styrene	9.04		"	10.0		90.4	70-130		3.69	20	
tert-Butyl alcohol (TBA)	58.3		"	50.0		117	25-162		2.62	30	
tert-Butylbenzene	8.69		"	10.0		86.9	77-138		2.09	30	
Tetrachloroethylene	7.78		"	10.0		77.8	82-130	Low Bias	2.60	20	
Toluene	9.05		"	10.0		90.5	80-127		4.32	20	
trans-1,2-Dichloroethylene	10.3		"	10.0		103	80-130		0.583	20	
trans-1,3-Dichloropropylene	9.46		"	10.0		94.6	78-130		2.20	20	
Trichloroethylene	9.92		"	10.0		99.2	82-128		1.32	20	
Trichlorofluoromethane	7.35		"	10.0		73.5	67-139		3.61	20	
Vinyl Chloride	6.30		"	10.0		63.0	70-130	Low Bias	5.41	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.76*		*"*	*10.0*		*97.6*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.85*		*"*	*10.0*		*98.5*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.0*		*"*	*10.0*		*110*	*79-122*				

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 BB00769 - EPA 3015A											
Blank (BB00769-BLK1)								Prepared & Analyzed: 02/17/2020			
Iron - Dissolved	ND	0.278	mg/L								
Manganese - Dissolved	ND	0.00556	"								
LCS (BB00769-BS1)								Prepared & Analyzed: 02/17/2020			
Iron - Dissolved	0.954		ug/mL	1.00		95.4	80-120				
Manganese - Dissolved	0.485		"	0.500		96.9	80-120				
Duplicate (BB00769-DUP1)	*Source sample: 20B0541-02 (IP03_021420)							Prepared & Analyzed: 02/17/2020			
Iron - Dissolved	ND	0.278	mg/L		ND					20	
Manganese - Dissolved	0.417	0.00556	"		0.423				1.48	20	
Matrix Spike (BB00769-MS1)	*Source sample: 20B0541-02 (IP03_021420)							Prepared & Analyzed: 02/17/2020			
Iron - Dissolved	1.14	0.278	mg/L	1.11	ND	103	75-125				
Manganese - Dissolved	0.968	0.00556	"	0.556	0.423	98.1	75-125				
Post Spike (BB00769-PS1)	*Source sample: 20B0541-02 (IP03_021420)							Prepared & Analyzed: 02/17/2020			
Iron - Dissolved	1.13		ug/mL	1.00	0.0125	111	75-125				
Manganese - Dissolved	0.953		"	0.500	0.423	106	75-125				
Batch BB00770 - EPA 3015A											
Blank (BB00770-BLK1)								Prepared & Analyzed: 02/17/2020			
Iron	ND	0.278	mg/L								
Manganese	ND	0.00556	"								
LCS (BB00770-BS1)								Prepared & Analyzed: 02/17/2020			
Iron	0.974		ug/mL	1.00		97.4	80-120				
Manganese	0.487		"	0.500		97.4	80-120				

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 BB00739 - EPA 300											
Blank (BB00739-BLK1)								Prepared & Analyzed: 02/14/2020			
Nitrate as N	ND	0.0500	mg/L								
LCS (BB00739-BS1)								Prepared & Analyzed: 02/14/2020			
Nitrate as N	10.3	0.0500	mg/L	10.0		103	90-110				
Batch BB00787 - EPA 300											
Blank (BB00787-BLK1)								Prepared & Analyzed: 02/17/2020			
Sulfate	ND	1.00	mg/L								
LCS (BB00787-BS1)								Prepared & Analyzed: 02/17/2020			
Sulfate	10.2	1.00	mg/L	10.0		102	85-115				
Duplicate (BB00787-DUP1)	*Source sample: 20B0541-01 (IP08_021420)							Prepared & Analyzed: 02/17/2020			
Nitrate as N	0.886	0.100	mg/L		ND					15	
Sulfate	57.9	2.00	"		57.8				0.280	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 BB00756 - Analysis Preparation											
Blank (BB00756-BLK1)									Prepared & Analyzed: 02/17/2020		
Sulfide	ND	1.0	mg/L								
LCS (BB00756-BS1)									Prepared & Analyzed: 02/17/2020		
Sulfide	51	1.0	mg/L	50.0		102	80-120				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20B0541-01	IP08_021420	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20B0541-02	IP03_021420	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20B0541-03	TB02_021420	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.
SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
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.
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.
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.
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
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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. 20B0541

YOUR Information	Report To:	Invoice To:
Company: LANGAN	Company:	Company:
Address: 360 W 31st Street 8th Floor, NY	Address:	Address:
Phone.: 212 479 5400	Phone.:	Phone.:
Contact: Kim Semon	Contact:	Contact:
E-mail: KSEMON@LANGAN.COM	E-mail:	E-mail:

YOUR Project Number: 170384501

YOUR Project Name: 805-825 ATLANTIC AVENUE

YOUR PO#:

Turn-Around Time

RUSH - Next Day	X
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)

Jack Cambeiro

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 Reduced Deliverables | NJDEP SRP HazSite
TCL/TAL ☑ | 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
IP08_021420	GW	2/14/2020 10:00	TCL/TAL VOCs	
IP03_021420	GW	2/14/2020 12:00	[redacted] SULFIDE	
TB02_021420	AQ	2/14/2020 15:00	[redacted]	
			TOTAL + DISSOLVED IRON	
ANALYZE FOR TCL/TAL VOCs ONLY			TOTAL + DISSOLVED MANGANESE	
			SULFATE	
			NITRATE	
			(A) ALL SAMPLES TO BE ANALYZED FOR ANALYSES LISTED ABOVE	

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
Jack Cambeiro	02/14/2020 15:49	YORK	2-14-2020 1549		2-14-20 1946
Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
KBachyork	2/14/20 5:46pm	KBachyork	2/14/20 7:20PM		
Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
				TGale	2/14/2020 1920

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: 03/25/2020
Client Project ID: 170384501
York Project (SDG) No.: 20C0978

Report Date: 03/25/2020
Client Project ID: 170384501
York Project (SDG) No.: 20C0978

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 March 23, 2020 and listed below. The project was identified as your project: **170384501**.

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
20C0978-01	MW112_032320	Water	03/23/2020	03/23/2020
20C0978-02	TB01_032320	Water	03/23/2020	03/23/2020

General Notes for York Project (SDG) No.: 20C0978

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: 03/25/2020

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: MW112_032320 **York Sample ID:** 20C0978-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20C0978	170384501	Water	March 23, 2020 11:00 am	03/23/2020

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	03/24/2020 09:30	03/24/2020 19:05	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	03/24/2020 09:30	03/24/2020 19:05	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	03/24/2020 09:30	03/24/2020 19:05	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	03/24/2020 09:30	03/24/2020 19:05	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	03/24/2020 09:30	03/24/2020 19:05	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	03/24/2020 09:30	03/24/2020 19:05	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	03/24/2020 09:30	03/24/2020 19:05	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	03/24/2020 09:30	03/24/2020 19:05	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	03/24/2020 09:30	03/24/2020 19:05	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	03/24/2020 09:30	03/24/2020 19:05	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	**1,2,4-Trimethylbenzene**	**31.9**		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	2.00	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:05	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	03/24/2020 09:30	03/24/2020 19:05	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	03/24/2020 09:30	03/24/2020 19:05	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	03/24/2020 09:30	03/24/2020 19:05	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	03/24/2020 09:30	03/24/2020 19:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	**1,3,5-Trimethylbenzene**	**14.0**		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:05	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	03/24/2020 09:30	03/24/2020 19:05	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	03/24/2020 09:30	03/24/2020 19:05	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	03/24/2020 09:30	03/24/2020 19:05	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**2.00**	SCAL-E	ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW112_032320 **York Sample ID:** 20C0978-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20C0978	170384501	Water	March 23, 2020 11:00 am	03/23/2020

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	2.00	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:05	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	03/24/2020 09:30	03/24/2020 19:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**18.6**		ug/L	1.00	2.00	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	2.00	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:05	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	**Carbon disulfide**	**0.380**		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	**Chloroform**	**0.580**		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:05	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	03/24/2020 09:30	03/24/2020 19:05	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	03/24/2020 09:30	03/24/2020 19:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:05	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:05	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:05	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW112_032320 **York Sample ID:** 20C0978-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20C0978	170384501	Water	March 23, 2020 11:00 am	03/23/2020

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**	**3.82**		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	2.00	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:05	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	**Isopropylbenzene**	**1.68**		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:05	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	03/24/2020 09:30	03/24/2020 19:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	**Methylcyclohexane**	**2.40**		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:05	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	**n-Butylbenzene**	**5.12**		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	**n-Propylbenzene**	**3.61**		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	**o-Xylene**	**12.9**		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	**p- & m- Xylenes**	**29.6**		ug/L	0.500	1.00	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	**p-Isopropyltoluene**	**1.18**		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	**sec-Butylbenzene**	**1.95**		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	**Styrene**	**0.410**		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:05	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	03/24/2020 09:30	03/24/2020 19:05	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:05	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	03/24/2020 09:30	03/24/2020 19:05	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	03/24/2020 09:30	03/24/2020 19:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW112_032320 **York Sample ID:** 20C0978-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20C0978	170384501	Water	March 23, 2020 11:00 am	03/23/2020

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	03/24/2020 09:30	03/24/2020 19:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	**Xylenes, Total**	**42.5**		ug/L	0.600	1.50	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:05	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*90.3 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.6 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*79-122*

Total Petroleum Hydrocarbons-GRO (C5-C10)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-GRO	ND		mg/L	0.800	1	EPA 8015D	03/24/2020 10:00	03/24/2020 18:04	SS
							Certifications:	NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*70-130*

Iron by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**191**		mg/L	0.278	1	EPA 6010D	03/24/2020 12:33	03/24/2020 15:00	JAM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Manganese by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	**Manganese**	**3.07**		mg/L	0.00556	1	EPA 6010D	03/24/2020 12:33	03/24/2020 15:00	JAM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: TB01_032320 **York Sample ID:** 20C0978-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20C0978	170384501	Water	March 23, 2020 12:00 pm	03/23/2020

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	03/24/2020 09:30	03/24/2020 19:34	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	03/24/2020 09:30	03/24/2020 19:34	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	03/24/2020 09:30	03/24/2020 19:34	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	03/24/2020 09:30	03/24/2020 19:34	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	03/24/2020 09:30	03/24/2020 19:34	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	03/24/2020 09:30	03/24/2020 19:34	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	03/24/2020 09:30	03/24/2020 19:34	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	03/24/2020 09:30	03/24/2020 19:34	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	03/24/2020 09:30	03/24/2020 19:34	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	03/24/2020 09:30	03/24/2020 19:34	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	03/24/2020 09:30	03/24/2020 19:34	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	2.00	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:34	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	03/24/2020 09:30	03/24/2020 19:34	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	03/24/2020 09:30	03/24/2020 19:34	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	03/24/2020 09:30	03/24/2020 19:34	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	03/24/2020 09:30	03/24/2020 19:34	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	03/24/2020 09:30	03/24/2020 19:34	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	03/24/2020 09:30	03/24/2020 19:34	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	03/24/2020 09:30	03/24/2020 19:34	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	03/24/2020 09:30	03/24/2020 19:34	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:34	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB01_032320 **York Sample ID:** 20C0978-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20C0978	170384501	Water	March 23, 2020 12:00 pm	03/23/2020

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	2.00	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:34	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	03/24/2020 09:30	03/24/2020 19:34	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**4.37**		ug/L	1.00	2.00	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:34	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	2.00	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:34	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:34	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	**Benzene**	**0.250**		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:34	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:34	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:34	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:34	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:34	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:34	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:34	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:34	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:34	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:34	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:34	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	03/24/2020 09:30	03/24/2020 19:34	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	03/24/2020 09:30	03/24/2020 19:34	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:34	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:34	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:34	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:34	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB01_032320 **York Sample ID:** 20C0978-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20C0978	170384501	Water	March 23, 2020 12:00 pm	03/23/2020

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	03/24/2020 09:30	03/24/2020 19:34	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	2.00	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:34	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:34	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:34	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	03/24/2020 09:30	03/24/2020 19:34	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:34	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:34	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:34	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:34	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:34	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:34	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:34	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:34	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:34	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	03/24/2020 09:30	03/24/2020 19:34	AB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:34	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:34	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:34	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	03/24/2020 09:30	03/24/2020 19:34	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	03/24/2020 09:30	03/24/2020 19:34	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:34	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:34	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB01_032320 **York Sample ID:** 20C0978-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20C0978	170384501	Water	March 23, 2020 12:00 pm	03/23/2020

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	03/24/2020 09:30	03/24/2020 19:34	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	03/24/2020 09:30	03/24/2020 19:34	AB
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*91.5 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.6 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*79-122*

Analytical Batch Summary

Batch ID: BC01404 **Preparation Method:** EPA 5030B **Prepared By:** CLS2

YORK Sample ID	Client Sample ID	Preparation Date
20C0978-01	MW112_032320	03/24/20
20C0978-02	TB01_032320	03/24/20
BC01404-BLK1	Blank	03/24/20
BC01404-BS1	LCS	03/24/20
BC01404-BSD1	LCS Dup	03/24/20

Batch ID: BC01417 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20C0978-01	MW112_032320	03/24/20
BC01417-BLK1	Blank	03/24/20
BC01417-BS1	LCS	03/24/20
BC01417-DUP1	Duplicate	03/24/20
BC01417-MS1	Matrix Spike	03/24/20
BC01417-PS1	Post Spike	03/24/20

Batch ID: BC01437 **Preparation Method:** EPA 5030B **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
20C0978-01	MW112_032320	03/24/20
BC01437-BLK1	Blank	03/24/20
BC01437-DUP1	Duplicate	03/24/20
BC01437-MS1	Matrix Spike	03/24/20
BC01437-SRM1	Reference	03/24/20

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 BC01404 - EPA 5030B											
Blank (BC01404-BLK1) Blank									Prepared & Analyzed: 03/24/2020		
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	"								

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC01404 - EPA 5030B											
Blank (BC01404-BLK1) Blank								Prepared & Analyzed: 03/24/2020			
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	*9.40*		*"*	*10.0*		*94.0*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.74*		*"*	*10.0*		*97.4*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*79-122*				
LCS (BC01404-BS1) LCS								Prepared & Analyzed: 03/24/2020			
1,1,1,2-Tetrachloroethane	8.92		ug/L	10.0		89.2	82-126				
1,1,1-Trichloroethane	10.2		"	10.0		102	78-136				
1,1,2,2-Tetrachloroethane	9.51		"	10.0		95.1	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.0		"	10.0		110	54-165				
1,1,2-Trichloroethane	8.63		"	10.0		86.3	82-123				
1,1-Dichloroethane	9.61		"	10.0		96.1	82-129				
1,1-Dichloroethylene	10.7		"	10.0		107	68-138				
1,2,3-Trichlorobenzene	5.92		"	10.0		59.2	76-136	Low Bias			
1,2,3-Trichloropropane	9.11		"	10.0		91.1	77-128				
1,2,4-Trichlorobenzene	9.30		"	10.0		93.0	76-137				
1,2,4-Trimethylbenzene	10.2		"	10.0		102	82-132				
1,2-Dibromo-3-chloropropane	7.98		"	10.0		79.8	45-147				
1,2-Dibromoethane	8.82		"	10.0		88.2	83-124				
1,2-Dichlorobenzene	9.67		"	10.0		96.7	79-123				
1,2-Dichloroethane	8.46		"	10.0		84.6	73-132				
1,2-Dichloropropane	9.23		"	10.0		92.3	78-126				
1,3,5-Trimethylbenzene	10.4		"	10.0		104	80-131				
1,3-Dichlorobenzene	9.82		"	10.0		98.2	86-122				
1,4-Dichlorobenzene	9.76		"	10.0		97.6	85-124				
1,4-Dioxane	0.00		"	210			10-349	Low Bias			
2-Butanone	7.74		"	10.0		77.4	49-152				
2-Hexanone	7.18		"	10.0		71.8	51-146				
4-Methyl-2-pentanone	7.52		"	10.0		75.2	57-145				
Acetone	6.84		"	10.0		68.4	14-150				
Acrolein	10.2		"	10.0		102	10-153				
Acrylonitrile	8.84		"	10.0		88.4	51-150				
Benzene	10.3		"	10.0		103	85-126				
Bromochloromethane	9.57		"	10.0		95.7	77-128				
Bromodichloromethane	9.08		"	10.0		90.8	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 BC01404 - EPA 5030B											
LCS (BC01404-BS1) LCS							Prepared & Analyzed: 03/24/2020				
Bromoform	8.81		ug/L	10.0		88.1	78-133				
Bromomethane	9.05		"	10.0		90.5	43-168				
Carbon disulfide	10.8		"	10.0		108	68-146				
Carbon tetrachloride	9.88		"	10.0		98.8	77-141				
Chlorobenzene	9.54		"	10.0		95.4	88-120				
Chloroethane	10.0		"	10.0		100	65-136				
Chloroform	9.64		"	10.0		96.4	82-128				
Chloromethane	9.88		"	10.0		98.8	43-155				
cis-1,2-Dichloroethylene	9.71		"	10.0		97.1	83-129				
cis-1,3-Dichloropropylene	9.00		"	10.0		90.0	80-131				
Cyclohexane	9.55		"	10.0		95.5	63-149				
Dibromochloromethane	8.93		"	10.0		89.3	80-130				
Dibromomethane	8.58		"	10.0		85.8	72-134				
Dichlorodifluoromethane	10.7		"	10.0		107	44-144				
Ethyl Benzene	9.35		"	10.0		93.5	80-131				
Hexachlorobutadiene	10.2		"	10.0		102	67-146				
Isopropylbenzene	10.1		"	10.0		101	76-140				
Methyl acetate	8.01		"	10.0		80.1	51-139				
Methyl tert-butyl ether (MTBE)	8.30		"	10.0		83.0	76-135				
Methylcyclohexane	9.23		"	10.0		92.3	72-143				
Methylene chloride	10.4		"	10.0		104	55-137				
n-Butylbenzene	8.51		"	10.0		85.1	79-132				
n-Propylbenzene	9.99		"	10.0		99.9	78-133				
o-Xylene	9.31		"	10.0		93.1	78-130				
p- & m- Xylenes	18.8		"	20.0		94.0	77-133				
p-Isopropyltoluene	10.0		"	10.0		100	81-136				
sec-Butylbenzene	10.3		"	10.0		103	79-137				
Styrene	9.49		"	10.0		94.9	67-132				
tert-Butyl alcohol (TBA)	37.2		"	50.0		74.4	25-162				
tert-Butylbenzene	9.84		"	10.0		98.4	77-138				
Tetrachloroethylene	9.40		"	10.0		94.0	82-131				
Toluene	9.95		"	10.0		99.5	80-127				
trans-1,2-Dichloroethylene	10.8		"	10.0		108	80-132				
trans-1,3-Dichloropropylene	8.79		"	10.0		87.9	78-131				
Trichloroethylene	10.0		"	10.0		100	82-128				
Trichlorofluoromethane	9.73		"	10.0		97.3	67-139				
Vinyl Chloride	9.74		"	10.0		97.4	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.29*		*"*	*10.0*		*82.9*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.8*		*"*	*10.0*		*108*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BC01404 - EPA 5030B

LCS Dup (BC01404-BSD1) LCS Dup — Prepared & Analyzed: 03/24/2020

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	9.03		ug/L	10.0		90.3	82-126		1.23	30	
1,1,1-Trichloroethane	9.78		"	10.0		97.8	78-136		4.01	30	
1,1,2,2-Tetrachloroethane	9.96		"	10.0		99.6	76-129		4.62	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7		"	10.0		107	54-165		2.76	30	
1,1,2-Trichloroethane	9.18		"	10.0		91.8	82-123		6.18	30	
1,1-Dichloroethane	9.46		"	10.0		94.6	82-129		1.57	30	
1,1-Dichloroethylene	10.2		"	10.0		102	68-138		5.06	30	
1,2,3-Trichlorobenzene	9.78		"	10.0		97.8	76-136		49.2	30	Non-dir.
1,2,3-Trichloropropane	9.43		"	10.0		94.3	77-128		3.45	30	
1,2,4-Trichlorobenzene	9.46		"	10.0		94.6	76-137		1.71	30	
1,2,4-Trimethylbenzene	9.61		"	10.0		96.1	82-132		5.47	30	
1,2-Dibromo-3-chloropropane	8.79		"	10.0		87.9	45-147		9.66	30	
1,2-Dibromoethane	9.65		"	10.0		96.5	83-124		8.99	30	
1,2-Dichlorobenzene	9.46		"	10.0		94.6	79-123		2.20	30	
1,2-Dichloroethane	9.09		"	10.0		90.9	73-132		7.18	30	
1,2-Dichloropropane	9.16		"	10.0		91.6	78-126		0.761	30	
1,3,5-Trimethylbenzene	9.92		"	10.0		99.2	80-131		4.82	30	
1,3-Dichlorobenzene	9.23		"	10.0		92.3	86-122		6.19	30	
1,4-Dichlorobenzene	9.42		"	10.0		94.2	85-124		3.55	30	
1,4-Dioxane	16.0		"	210		7.60	10-349	Low Bias	200	30	Non-dir.
2-Butanone	9.88		"	10.0		98.8	49-152		24.3	30	
2-Hexanone	8.37		"	10.0		83.7	51-146		15.3	30	
4-Methyl-2-pentanone	8.89		"	10.0		88.9	57-145		16.7	30	
Acetone	8.20		"	10.0		82.0	14-150		18.1	30	
Acrolein	12.0		"	10.0		120	10-153		16.0	30	
Acrylonitrile	10.3		"	10.0		103	51-150		15.1	30	
Benzene	10.2		"	10.0		102	85-126		0.586	30	
Bromochloromethane	10.1		"	10.0		101	77-128		5.39	30	
Bromodichloromethane	9.09		"	10.0		90.9	79-128		0.110	30	
Bromoform	9.56		"	10.0		95.6	78-133		8.17	30	
Bromomethane	9.21		"	10.0		92.1	43-168		1.75	30	
Carbon disulfide	10.4		"	10.0		104	68-146		4.34	30	
Carbon tetrachloride	9.55		"	10.0		95.5	77-141		3.40	30	
Chlorobenzene	9.42		"	10.0		94.2	88-120		1.27	30	
Chloroethane	9.38		"	10.0		93.8	65-136		6.50	30	
Chloroform	9.79		"	10.0		97.9	82-128		1.54	30	
Chloromethane	9.47		"	10.0		94.7	43-155		4.24	30	
cis-1,2-Dichloroethylene	9.71		"	10.0		97.1	83-129		0.00	30	
cis-1,3-Dichloropropylene	9.29		"	10.0		92.9	80-131		3.17	30	
Cyclohexane	9.38		"	10.0		93.8	63-149		1.80	30	
Dibromochloromethane	9.37		"	10.0		93.7	80-130		4.81	30	
Dibromomethane	9.06		"	10.0		90.6	72-134		5.44	30	
Dichlorodifluoromethane	10.2		"	10.0		102	44-144		4.70	30	
Ethyl Benzene	9.45		"	10.0		94.5	80-131		1.06	30	
Hexachlorobutadiene	9.90		"	10.0		99.0	67-146		2.69	30	
Isopropylbenzene	9.67		"	10.0		96.7	76-140		4.15	30	
Methyl acetate	9.11		"	10.0		91.1	51-139		12.9	30	
Methyl tert-butyl ether (MTBE)	9.73		"	10.0		97.3	76-135		15.9	30	
Methylcyclohexane	9.15		"	10.0		91.5	72-143		0.871	30	
Methylene chloride	10.8		"	10.0		108	55-137		3.69	30	
n-Butylbenzene	9.44		"	10.0		94.4	79-132		10.4	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 BC01404 - EPA 5030B											
LCS Dup (BC01404-BSD1) LCS Dup									Prepared & Analyzed: 03/24/2020		
n-Propylbenzene	9.56		ug/L	10.0		95.6	78-133		4.40	30	
o-Xylene	9.28		"	10.0		92.8	78-130		0.323	30	
p- & m- Xylenes	18.8		"	20.0		94.1	77-133		0.0532	30	
p-Isopropyltoluene	9.71		"	10.0		97.1	81-136		3.44	30	
sec-Butylbenzene	10.1		"	10.0		101	79-137		1.86	30	
Styrene	9.51		"	10.0		95.1	67-132		0.211	30	
tert-Butyl alcohol (TBA)	49.4		"	50.0		98.9	25-162		28.3	30	
tert-Butylbenzene	9.49		"	10.0		94.9	77-138		3.62	30	
Tetrachloroethylene	9.09		"	10.0		90.9	82-131		3.35	30	
Toluene	9.45		"	10.0		94.5	80-127		5.15	30	
trans-1,2-Dichloroethylene	10.3		"	10.0		103	80-132		4.36	30	
trans-1,3-Dichloropropylene	9.32		"	10.0		93.2	78-131		5.85	30	
Trichloroethylene	9.25		"	10.0		92.5	82-128		7.79	30	
Trichlorofluoromethane	9.43		"	10.0		94.3	67-139		3.13	30	
Vinyl Chloride	9.16		"	10.0		91.6	58-145		6.14	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.43*		*"*	*10.0*		*94.3*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.76*		*"*	*10.0*		*97.6*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*79-122*				

Gas Chromatography/Flame Ionization Detector - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC01437 - EPA 5030B											
Blank (BC01437-BLK1) Blank								Prepared & Analyzed: 03/24/2020			
Total Petroleum Hydrocarbons-GRO	ND	0.800	mg/L								
Surrogate: SURR: p-Bromofluorobenzene	*195*		*ug/L*	*200*		*97.4*	*70-130*				
Duplicate (BC01437-DUP1) Duplicate	*Source sample: 20C0978-01 (MW112_032320)							Prepared & Analyzed: 03/24/2020			
Total Petroleum Hydrocarbons-GRO	0.469	0.800	mg/L		0.524				11.3	30	
Surrogate: SURR: p-Bromofluorobenzene	*194*		*ug/L*	*200*		*96.9*	*70-130*				
Matrix Spike (BC01437-MS1) Matrix Spike	*Source sample: 20C0978-01 (MW112_032320)							Prepared & Analyzed: 03/24/2020			
Total Petroleum Hydrocarbons-GRO	7590		ug/L	8000	524	88.3	0-200				
Surrogate: SURR: p-Bromofluorobenzene	*191*		*"*	*200*		*95.4*	*70-130*				
Reference (BC01437-SRM1) Reference								Prepared & Analyzed: 03/24/2020			
Total Petroleum Hydrocarbons-GRO	1.96	0.800	mg/L	2.30		85.3	37.1-176				
Surrogate: SURR: p-Bromofluorobenzene	*205*		*ug/L*	*200*		*102*	*70-130*				

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 BC01417 - EPA 3015A												
Blank (BC01417-BLK1)	Blank								Prepared & Analyzed: 03/24/2020			
Iron		ND	0.278	mg/L								
Manganese		ND	0.00556	"								
LCS (BC01417-BS1)	LCS								Prepared & Analyzed: 03/24/2020			
Iron		1.09		ug/mL	1.00		109	80-120				
Manganese		0.530		"	0.500		106	80-120				
Duplicate (BC01417-DUP1)	Duplicate	*Source sample: 20C0978-01 (MW112_032320)							Prepared & Analyzed: 03/24/2020			
Iron		189	0.278	mg/L		191				0.828	20	
Manganese		2.96	0.00556	"		3.07				3.71	20	
Matrix Spike (BC01417-MS1)	Matrix Spike	*Source sample: 20C0978-01 (MW112_032320)							Prepared & Analyzed: 03/24/2020			
Iron		187	0.278	mg/L	1.11	191	NR	75-125	Low Bias			
Manganese		3.50	0.00556	"	0.556	3.07	77.5	75-125				
Post Spike (BC01417-PS1)	Post Spike	*Source sample: 20C0978-01 (MW112_032320)							Prepared & Analyzed: 03/24/2020			
Iron		169		ug/mL	1.00	191	NR	75-125	Low Bias			
Manganese		3.15		"	0.500	3.07	14.7	75-125	Low Bias			

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20C0978-01	MW112_032320	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20C0978-01	MW112_032320	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20C0978-02	TB01_032320	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
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-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
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.

Corrective Action: Limited volume received for the sample and GW loigged for VOC, GRO and total metals only.

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. 20C0978

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: LANGAN	Company:	Company:	170384501	RUSH - Next Day X
Address: 360 W 31 ST, 8TH FLOOR, NY	Address:	Address:	YOUR Project Name: 805-825 ATLANTIC AVE	RUSH - Two Day
Phone: 212 479 5400	Phone:	Phone:		RUSH - Three Day
Contact: KIM SIMON	Contact:	Contact:		RUSH - Four Day
E-mail: KSIMON@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.

TOMAS MONTI
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
TCL/TAL | 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
MW11_032320	GW	1100 3/23/20	TCL/TAL VOCs	
			TCL/TAL SVOCs	
			TPH GRO	
			TOTAL + DISSOLVED IRON	
			TOTAL + DISSOLVED MANGANESE	
			SULFATE	
			NITRATE	
TBOL_032320	AQ	1200 3/23/20	TCL/TAL VOCs	

Comments: THERE IS NOT ENOUGH VOLUME FOR ALL ANALYSES. VOCs ARE A PRIORITY. LABELS ARE NOT STICKY DUE TO THE RAIN.

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
TOMAS MONTI	3/23/20 14:30		3-23-20 1430		3-23-20 1530
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
	3/24/20 332				
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
				J. Hale	3-23-20 1818 / 3.6 Degrees C

ANALYTICAL REPORT

Lab Number:	L1947059
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Kimberly Del Col
Phone:	(212) 479-5486
Project Name:	805-825 ATLANTIC AVENUE
Project Number:	170384501
Report Date:	10/14/19

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L1947059
Report Date: 10/14/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1947059-01	MW202_100719	WATER	BROOKLYN, NY	10/07/19 11:00	10/07/19

Project Name:	805-825 ATLANTIC AVENUE	**Lab Number:**	L1947059
Project Number:	170384501	**Report Date:**	10/14/19

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	805-825 ATLANTIC AVENUE	**Lab Number:**	L1947059
Project Number:	170384501	**Report Date:**	10/14/19

Case Narrative (continued)

Report Submission

October 14, 2019: This final report includes the results of all requested analyses.

October 09, 2019: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

The WG1293242-2/-3 LCS/LCSD recoveries, associated with L1947059-01, are below the acceptance criteria for benzoic acid (0%/0%); however, it has been identified as a "difficult" analyte. The results of the associated sample are reported.

Gasoline Range Organics

L1947059-01 and WG1294149: Headspace was noted in the sample container utilized for analysis. The analysis was performed at the client's request.

The WG1294149-6 MS recovery (79%), performed on L1947059-01, is below the acceptance criteria; however, the associated LCS/LCSD recoveries are within overall method allowances.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cristin Walker

Title: Technical Director/Representative Date: 10/14/19

ORGANICS

VOLATILES

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L1947059

Project Number: 170384501 **Report Date:** 10/14/19

SAMPLE RESULTS

Lab ID: L1947059-01 D
Client ID: MW202_100719
Sample Location: BROOKLYN, NY

Date Collected: 10/07/19 11:00
Date Received: 10/07/19
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/08/19 23:43
Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	10	2.8	4
1,1-Dichloroethane	ND		ug/l	10	2.8	4
Chloroform	ND		ug/l	10	2.8	4
Carbon tetrachloride	ND		ug/l	2.0	0.54	4
1,2-Dichloropropane	ND		ug/l	4.0	0.55	4
Dibromochloromethane	ND		ug/l	2.0	0.60	4
1,1,2-Trichloroethane	ND		ug/l	6.0	2.0	4
Tetrachloroethene	ND		ug/l	2.0	0.72	4
Chlorobenzene	ND		ug/l	10	2.8	4
Trichlorofluoromethane	ND		ug/l	10	2.8	4
1,2-Dichloroethane	ND		ug/l	2.0	0.53	4
1,1,1-Trichloroethane	ND		ug/l	10	2.8	4
Bromodichloromethane	ND		ug/l	2.0	0.77	4
trans-1,3-Dichloropropene	ND		ug/l	2.0	0.66	4
cis-1,3-Dichloropropene	ND		ug/l	2.0	0.58	4
1,3-Dichloropropene, Total	ND		ug/l	2.0	0.58	4
1,1-Dichloropropene	ND		ug/l	10	2.8	4
Bromoform	ND		ug/l	8.0	2.6	4
1,1,2,2-Tetrachloroethane	ND		ug/l	2.0	0.67	4
Benzene	ND		ug/l	2.0	0.64	4
Toluene	ND		ug/l	10	2.8	4
Ethylbenzene	ND		ug/l	10	2.8	4
Chloromethane	ND		ug/l	10	2.8	4
Bromomethane	ND		ug/l	10	2.8	4
Vinyl chloride	ND		ug/l	4.0	0.28	4
Chloroethane	ND		ug/l	10	2.8	4
1,1-Dichloroethene	ND		ug/l	2.0	0.68	4
trans-1,2-Dichloroethene	ND		ug/l	10	2.8	4

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L1947059

Project Number: 170384501 **Report Date:** 10/14/19

SAMPLE RESULTS

Lab ID: L1947059-01 D Date Collected: 10/07/19 11:00
Client ID: MW202_100719 Date Received: 10/07/19
Sample Location: BROOKLYN, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	3.6		ug/l	2.0	0.70	4
1,2-Dichlorobenzene	ND		ug/l	10	2.8	4
1,3-Dichlorobenzene	ND		ug/l	10	2.8	4
1,4-Dichlorobenzene	ND		ug/l	10	2.8	4
Methyl tert butyl ether	ND		ug/l	10	2.8	4
p/m-Xylene	4.5	J	ug/l	10	2.8	4
o-Xylene	ND		ug/l	10	2.8	4
Xylenes, Total	4.5	J	ug/l	10	2.8	4
cis-1,2-Dichloroethene	ND		ug/l	10	2.8	4
1,2-Dichloroethene, Total	ND		ug/l	10	2.8	4
Dibromomethane	ND		ug/l	20	4.0	4
1,2,3-Trichloropropane	ND		ug/l	10	2.8	4
Acrylonitrile	ND		ug/l	20	6.0	4
Styrene	ND		ug/l	10	2.8	4
Dichlorodifluoromethane	ND		ug/l	20	4.0	4
Acetone	80		ug/l	20	5.8	4
Carbon disulfide	ND		ug/l	20	4.0	4
2-Butanone	720		ug/l	20	7.8	4
Vinyl acetate	ND		ug/l	20	4.0	4
4-Methyl-2-pentanone	ND		ug/l	20	4.0	4
2-Hexanone	ND		ug/l	20	4.0	4
Bromochloromethane	ND		ug/l	10	2.8	4
2,2-Dichloropropane	ND		ug/l	10	2.8	4
1,2-Dibromoethane	ND		ug/l	8.0	2.6	4
1,3-Dichloropropane	ND		ug/l	10	2.8	4
1,1,1,2-Tetrachloroethane	ND		ug/l	10	2.8	4
Bromobenzene	ND		ug/l	10	2.8	4
n-Butylbenzene	ND		ug/l	10	2.8	4
sec-Butylbenzene	2.8	J	ug/l	10	2.8	4
tert-Butylbenzene	ND		ug/l	10	2.8	4
o-Chlorotoluene	ND		ug/l	10	2.8	4
p-Chlorotoluene	ND		ug/l	10	2.8	4
1,2-Dibromo-3-chloropropane	ND		ug/l	10	2.8	4
Hexachlorobutadiene	ND		ug/l	10	2.8	4
Isopropylbenzene	ND		ug/l	10	2.8	4
p-Isopropyltoluene	ND		ug/l	10	2.8	4
Naphthalene	ND		ug/l	10	2.8	4

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L1947059

Project Number: 170384501 **Report Date:** 10/14/19

SAMPLE RESULTS

Lab ID: L1947059-01 D Date Collected: 10/07/19 11:00

Client ID: MW202_100719 Date Received: 10/07/19

Sample Location: BROOKLYN, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	3.6	J	ug/l	10	2.8	4
1,2,3-Trichlorobenzene	ND		ug/l	10	2.8	4
1,2,4-Trichlorobenzene	ND		ug/l	10	2.8	4
1,3,5-Trimethylbenzene	8.9	J	ug/l	10	2.8	4
1,2,4-Trimethylbenzene	21		ug/l	10	2.8	4
1,4-Dioxane	ND		ug/l	1000	240	4
p-Diethylbenzene	3.1	J	ug/l	8.0	2.8	4
p-Ethyltoluene	9.0		ug/l	8.0	2.8	4
1,2,4,5-Tetramethylbenzene	ND		ug/l	8.0	2.2	4
Ethyl ether	ND		ug/l	10	2.8	4
trans-1,4-Dichloro-2-butene	ND		ug/l	10	2.8	4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	101		70-130

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L1947059

Project Number: 170384501 **Report Date:** 10/14/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/08/19 21:10
Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1293995-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L1947059

Project Number: 170384501 **Report Date:** 10/14/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/08/19 21:10
Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1293995-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L1947059

Project Number: 170384501 **Report Date:** 10/14/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/08/19 21:10
Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1293995-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	91		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE

Project Number: 170384501

Lab Number: L1947059

Report Date: 10/14/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1293995-3 WG1293995-4								
Methylene chloride	91		87		70-130	4		20
1,1-Dichloroethane	95		88		70-130	8		20
Chloroform	87		85		70-130	2		20
Carbon tetrachloride	83		81		63-132	2		20
1,2-Dichloropropane	100		96		70-130	4		20
Dibromochloromethane	85		85		63-130	0		20
1,1,2-Trichloroethane	93		92		70-130	1		20
Tetrachloroethene	91		88		70-130	3		20
Chlorobenzene	89		86		75-130	3		20
Trichlorofluoromethane	84		77		62-150	9		20
1,2-Dichloroethane	82		81		70-130	1		20
1,1,1-Trichloroethane	85		76		67-130	11		20
Bromodichloromethane	83		81		67-130	2		20
trans-1,3-Dichloropropene	78		77		70-130	1		20
cis-1,3-Dichloropropene	80		79		70-130	1		20
1,1-Dichloropropene	88		84		70-130	5		20
Bromoform	85		90		54-136	6		20
1,1,2,2-Tetrachloroethane	87		90		67-130	3		20
Benzene	89		85		70-130	5		20
Toluene	91		88		70-130	3		20
Ethylbenzene	89		85		70-130	5		20
Chloromethane	110		100		64-130	10		20
Bromomethane	58		58		39-139	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L1947059
Report Date: 10/14/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1293995-3 WG1293995-4								
Vinyl chloride	100		92		55-140	8		20
Chloroethane	90		84		55-138	7		20
1,1-Dichloroethene	83		81		61-145	2		20
trans-1,2-Dichloroethene	84		82		70-130	2		20
Trichloroethene	84		80		70-130	5		20
1,2-Dichlorobenzene	89		89		70-130	0		20
1,3-Dichlorobenzene	91		90		70-130	1		20
1,4-Dichlorobenzene	90		88		70-130	2		20
Methyl tert butyl ether	71		75		63-130	5		20
p/m-Xylene	90		85		70-130	6		20
o-Xylene	90		85		70-130	6		20
cis-1,2-Dichloroethene	94		88		70-130	7		20
Dibromomethane	86		87		70-130	1		20
1,2,3-Trichloropropane	92		95		64-130	3		20
Acrylonitrile	100		110		70-130	10		20
Styrene	90		85		70-130	6		20
Dichlorodifluoromethane	82		78		36-147	5		20
Acetone	85		91		58-148	7		20
Carbon disulfide	93		88		51-130	6		20
2-Butanone	90		130		63-138	**36**	Q	20
Vinyl acetate	81		81		70-130	0		20
4-Methyl-2-pentanone	78		87		59-130	11		20
2-Hexanone	74		87		57-130	16		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L1947059
Report Date: 10/14/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1293995-3 WG1293995-4								
Bromochloromethane	92		86		70-130	7		20
2,2-Dichloropropane	78		73		63-133	7		20
1,2-Dibromoethane	83		86		70-130	4		20
1,3-Dichloropropane	89		90		70-130	1		20
1,1,1,2-Tetrachloroethane	85		84		64-130	1		20
Bromobenzene	88		87		70-130	1		20
n-Butylbenzene	94		88		53-136	7		20
sec-Butylbenzene	91		87		70-130	4		20
tert-Butylbenzene	75		72		70-130	4		20
o-Chlorotoluene	91		87		70-130	4		20
p-Chlorotoluene	89		86		70-130	3		20
1,2-Dibromo-3-chloropropane	82		85		41-144	4		20
Hexachlorobutadiene	89		87		63-130	2		20
Isopropylbenzene	88		84		70-130	5		20
p-Isopropyltoluene	89		85		70-130	5		20
Naphthalene	**68**	Q	73		70-130	7		20
n-Propylbenzene	91		87		69-130	4		20
1,2,3-Trichlorobenzene	80		83		70-130	4		20
1,2,4-Trichlorobenzene	80		79		70-130	1		20
1,3,5-Trimethylbenzene	89		87		64-130	2		20
1,2,4-Trimethylbenzene	88		85		70-130	3		20
1,4-Dioxane	100		110		56-162	10		20
p-Diethylbenzene	85		83		70-130	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L1947059
Report Date: 10/14/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1293995-3 WG1293995-4								
p-Ethyltoluene	89		85		70-130	5		20
1,2,4,5-Tetramethylbenzene	76		75		70-130	1		20
Ethyl ether	86		93		59-134	8		20
trans-1,4-Dichloro-2-butene	96		100		70-130	4		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		92		70-130
Toluene-d8	99		100		70-130
4-Bromofluorobenzene	94		95		70-130
Dibromofluoromethane	97		93		70-130

SEMIVOLATILES

Project Name: 805-825 ATLANTIC AVENUE
Lab Number: L1947059
Project Number: 170384501
Report Date: 10/14/19

SAMPLE RESULTS

Lab ID: L1947059-01
Client ID: MW202_100719
Sample Location: BROOKLYN, NY

Date Collected: 10/07/19 11:00
Date Received: 10/07/19
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 10/09/19 04:16
Analyst: RC

Extraction Method: EPA 3510C
Extraction Date: 10/08/19 13:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	1.8	J	ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L1947059

Project Number: 170384501 **Report Date:** 10/14/19

SAMPLE RESULTS

Lab ID: L1947059-01 Date Collected: 10/07/19 11:00

Client ID: MW202_100719 Date Received: 10/07/19

Sample Location: BROOKLYN, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		21-120
Phenol-d6	53		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	101		10-120
4-Terphenyl-d14	83		41-149

Project Name: 805-825 ATLANTIC AVENUE
Lab Number: L1947059
Project Number: 170384501
Report Date: 10/14/19

SAMPLE RESULTS

Lab ID: L1947059-01
Client ID: MW202_100719
Sample Location: BROOKLYN, NY

Date Collected: 10/07/19 11:00
Date Received: 10/07/19
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 10/09/19 06:33
Analyst: CB

Extraction Method: EPA 3510C
Extraction Date: 10/08/19 12:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.02	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	1.6		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.05	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	0.02	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	0.38		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L1947059

Project Number: 170384501 **Report Date:** 10/14/19

SAMPLE RESULTS

Lab ID: L1947059-01 Date Collected: 10/07/19 11:00

Client ID: MW202_100719 Date Received: 10/07/19

Sample Location: BROOKLYN, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		21-120
Phenol-d6	61		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	96		15-120
2,4,6-Tribromophenol	115		10-120
4-Terphenyl-d14	108		41-149

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501
Lab Number: L1947059
Report Date: 10/14/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/09/19 03:01
Analyst: RC

Extraction Method: EPA 3510C
Extraction Date: 10/07/19 17:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1293242-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	1.8	J	ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501
Lab Number: L1947059
Report Date: 10/14/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/09/19 03:01
Analyst: RC

Extraction Method: EPA 3510C
Extraction Date: 10/07/19 17:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1293242-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501
Lab Number: L1947059
Report Date: 10/14/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/09/19 03:01
Analyst: RC

Extraction Method: EPA 3510C
Extraction Date: 10/07/19 17:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1293242-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	43		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	72		10-120
4-Terphenyl-d14	64		41-149

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501
Lab Number: L1947059
Report Date: 10/14/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 10/09/19 03:24
Analyst: CB

Extraction Method: EPA 3510C
Extraction Date: 10/07/19 17:25

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG1293243-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	0.03	J	ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501
Lab Number: L1947059
Report Date: 10/14/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 10/09/19 03:24
Analyst: CB

Extraction Method: EPA 3510C
Extraction Date: 10/07/19 17:25

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG1293243-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		21-120
Phenol-d6	52		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	96		15-120
2,4,6-Tribromophenol	87		10-120
4-Terphenyl-d14	87		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L1947059
Report Date: 10/14/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1293242-2 WG1293242-3								
Acenaphthene	57		56		37-111	2		30
1,2,4-Trichlorobenzene	56		54		39-98	4		30
Hexachlorobenzene	64		61		40-140	5		30
Bis(2-chloroethyl)ether	52		52		40-140	0		30
2-Chloronaphthalene	58		59		40-140	2		30
1,2-Dichlorobenzene	55		53		40-140	4		30
1,3-Dichlorobenzene	52		51		40-140	2		30
1,4-Dichlorobenzene	52		52		36-97	0		30
3,3'-Dichlorobenzidine	58		57		40-140	2		30
2,4-Dinitrotoluene	65		63		48-143	3		30
2,6-Dinitrotoluene	62		63		40-140	2		30
Fluoranthene	64		64		40-140	0		30
4-Chlorophenyl phenyl ether	61		59		40-140	3		30
4-Bromophenyl phenyl ether	65		63		40-140	3		30
Bis(2-chloroisopropyl)ether	45		45		40-140	0		30
Bis(2-chloroethoxy)methane	52		51		40-140	2		30
Hexachlorobutadiene	60		62		40-140	3		30
Hexachlorocyclopentadiene	64		65		40-140	2		30
Hexachloroethane	53		53		40-140	0		30
Isophorone	54		53		40-140	2		30
Naphthalene	58		58		40-140	0		30
Nitrobenzene	56		56		40-140	0		30
NDPA/DPA	64		60		40-140	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE

Project Number: 170384501

Lab Number: L1947059

Report Date: 10/14/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1293242-2 WG1293242-3								
n-Nitrosodi-n-propylamine	57		56		29-132	2		30
Bis(2-ethylhexyl)phthalate	58		56		40-140	4		30
Butyl benzyl phthalate	64		65		40-140	2		30
Di-n-butylphthalate	58		57		40-140	2		30
Di-n-octylphthalate	64		64		40-140	0		30
Diethyl phthalate	65		62		40-140	5		30
Dimethyl phthalate	64		63		40-140	2		30
Benzo(a)anthracene	66		64		40-140	3		30
Benzo(a)pyrene	61		60		40-140	2		30
Benzo(b)fluoranthene	68		68		40-140	0		30
Benzo(k)fluoranthene	68		65		40-140	5		30
Chrysene	59		57		40-140	3		30
Acenaphthylene	60		60		45-123	0		30
Anthracene	60		59		40-140	2		30
Benzo(ghi)perylene	68		68		40-140	0		30
Fluorene	60		59		40-140	2		30
Phenanthrene	56		56		40-140	0		30
Dibenzo(a,h)anthracene	64		63		40-140	2		30
Indeno(1,2,3-cd)pyrene	64		62		40-140	3		30
Pyrene	61		61		26-127	0		30
Biphenyl	59		59		40-140	0		30
4-Chloroaniline	46		48		40-140	4		30
2-Nitroaniline	65		63		52-143	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L1947059
Report Date: 10/14/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1293242-2 WG1293242-3								
3-Nitroaniline	56		53		25-145	6		30
4-Nitroaniline	56		56		51-143	0		30
Dibenzofuran	59		57		40-140	3		30
2-Methylnaphthalene	58		59		40-140	2		30
1,2,4,5-Tetrachlorobenzene	60		61		2-134	2		30
Acetophenone	56		56		39-129	0		30
2,4,6-Trichlorophenol	62		64		30-130	3		30
p-Chloro-m-cresol	64		64		23-97	0		30
2-Chlorophenol	53		54		27-123	2		30
2,4-Dichlorophenol	60		58		30-130	3		30
2,4-Dimethylphenol	52		51		30-130	2		30
2-Nitrophenol	55		55		30-130	0		30
4-Nitrophenol	52		49		10-80	6		30
2,4-Dinitrophenol	83		78		20-130	6		30
4,6-Dinitro-o-cresol	82		79		20-164	4		30
Pentachlorophenol	67		62		9-103	8		30
Phenol	37		37		12-110	0		30
2-Methylphenol	52		53		30-130	2		30
3-Methylphenol/4-Methylphenol	56		53		30-130	6		30
2,4,5-Trichlorophenol	62		62		30-130	0		30
Benzoic Acid	**0**	Q	**0**	Q	10-164	NC		30
Benzyl Alcohol	54		53		26-116	2		30
Carbazole	61		62		55-144	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L1947059
Report Date: 10/14/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1293242-2 WG1293242-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	46		44		21-120
Phenol-d6	37		35		10-120
Nitrobenzene-d5	47		45		23-120
2-Fluorobiphenyl	48		47		15-120
2,4,6-Tribromophenol	71		69		10-120
4-Terphenyl-d14	49		49		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE

Project Number: 170384501

Lab Number: L1947059

Report Date: 10/14/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01 Batch: WG1293243-2 WG1293243-3								
Acenaphthene	65		74		40-140	13		40
2-Chloronaphthalene	64		72		40-140	12		40
Fluoranthene	74		78		40-140	5		40
Hexachlorobutadiene	59		68		40-140	14		40
Naphthalene	60		70		40-140	15		40
Benzo(a)anthracene	75		81		40-140	8		40
Benzo(a)pyrene	76		82		40-140	8		40
Benzo(b)fluoranthene	81		88		40-140	8		40
Benzo(k)fluoranthene	76		80		40-140	5		40
Chrysene	73		78		40-140	7		40
Acenaphthylene	66		74		40-140	11		40
Anthracene	72		78		40-140	8		40
Benzo(ghi)perylene	79		87		40-140	10		40
Fluorene	68		75		40-140	10		40
Phenanthrene	68		74		40-140	8		40
Dibenzo(a,h)anthracene	81		88		40-140	8		40
Indeno(1,2,3-cd)pyrene	82		90		40-140	9		40
Pyrene	74		78		40-140	5		40
2-Methylnaphthalene	61		70		40-140	14		40
Pentachlorophenol	62		56		40-140	10		40
Hexachlorobenzene	66		74		40-140	11		40
Hexachloroethane	57		67		40-140	16		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L1947059
Report Date: 10/14/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01 Batch: WG1293243-2 WG1293243-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	44		51		21-120
Phenol-d6	38		42		10-120
Nitrobenzene-d5	63		74		23-120
2-Fluorobiphenyl	68		68		15-120
2,4,6-Tribromophenol	74		77		10-120
4-Terphenyl-d14	66		69		41-149

PETROLEUM HYDROCARBONS

Project Name: 805-825 ATLANTIC AVENUE
Lab Number: L1947059
Project Number: 170384501
Report Date: 10/14/19

SAMPLE RESULTS

Lab ID: L1947059-01
Client ID: MW202_100719
Sample Location: BROOKLYN, NY

Date Collected: 10/07/19 11:00
Date Received: 10/07/19
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8015D(M)
Analytical Date: 10/09/19 10:40
Analyst: BAD

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	320		ug/l	50	3.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	83		70-130
4-Bromofluorobenzene	77		70-130

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501
Lab Number: L1947059
Report Date: 10/14/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015D(M)
Analytical Date: 10/09/19 09:07
Analyst: BAD

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 01 Batch: WG1294149-4					
Gasoline Range Organics	23	J	ug/l	50	3.0

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	75		70-130
4-Bromofluorobenzene	76		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE

Project Number: 170384501

Lab Number: L1947059

Report Date: 10/14/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab	Associated sample(s): 01		Batch: WG1294149-2 WG1294149-3					
Gasoline Range Organics	82		88		80-120	7		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	81		88		70-130
4-Bromofluorobenzene	81		87		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L1947059
Report Date: 10/14/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1294149-6 QC Sample: L1947059-01 Client ID: MW202_100719												
Gasoline Range Organics	320	400	630	**79**	Q	-	-		80-120	-		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	82				70-130
4-Bromofluorobenzene	75				70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L1947059
Report Date: 10/14/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1294149-5 QC Sample: L1947059-01 Client ID: MW202_100719						
Gasoline Range Organics	320	330	ug/l	3		20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	83		93		70-130
4-Bromofluorobenzene	77		86		70-130

METALS

Project Name: 805-825 ATLANTIC AVENUE
Lab Number: L1947059
Project Number: 170384501
Report Date: 10/14/19

SAMPLE RESULTS

Lab ID: L1947059-01
Client ID: MW202_100719
Sample Location: BROOKLYN, NY
Date Collected: 10/07/19 11:00
Date Received: 10/07/19
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Iron, Total	0.535		mg/l	0.0500	0.0191	1	10/09/19 09:43	10/09/19 17:26	EPA 3005A	1,6020B	AM
Manganese, Total	1.105		mg/l	0.00100	0.00044	1	10/09/19 09:43	10/09/19 17:26	EPA 3005A	1,6020B	AM
Dissolved Metals - Mansfield Lab											
Iron, Dissolved	0.469		mg/l	0.0500	0.0191	1	10/09/19 09:43	10/09/19 16:26	EPA 3005A	1,6020B	AM
Manganese, Dissolved	1.120		mg/l	0.00100	0.00044	1	10/09/19 09:43	10/09/19 16:26	EPA 3005A	1,6020B	AM

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501
Lab Number: L1947059
Report Date: 10/14/19

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1294050-1										
Iron, Total	ND		mg/l	0.0500	0.0191	1	10/09/19 09:43	10/09/19 15:54	1,6020B	AM
Manganese, Total	ND		mg/l	0.00100	0.00044	1	10/09/19 09:43	10/09/19 15:54	1,6020B	AM

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01 Batch: WG1294051-1										
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	10/09/19 09:43	10/09/19 15:50	1,6020B	AM
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	10/09/19 09:43	10/09/19 15:50	1,6020B	AM

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE

Project Number: 170384501

Lab Number: L1947059

Report Date: 10/14/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1294050-2								
Iron, Total	106		-		80-120	-		
Manganese, Total	100		-		80-120	-		
Dissolved Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1294051-2								
Iron, Dissolved	110		-		80-120	-		
Manganese, Dissolved	104		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L1947059
Report Date: 10/14/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1294050-3 QC Sample: L1947059-01 Client ID: MW202_100719												
Iron, Total	0.535	1	1.64	110		-	-		75-125	-		20
Manganese, Total	1.105	0.5	1.695	118		-	-		75-125	-		20
Dissolved Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1294051-3 QC Sample: L1947059-01 Client ID: MW202_100719												
Iron, Dissolved	0.469	1	1.59	112		-	-		75-125	-		20
Manganese, Dissolved	1.120	0.5	1.668	110		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE

Project Number: 170384501

Lab Number: L1947059

Report Date: 10/14/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1294050-4 QC Sample: L1947059-01 Client ID: MW202_100719						
Iron, Total	0.535	0.560	mg/l	5		20
Manganese, Total	1.105	1.120	mg/l	1		20
Dissolved Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1294051-4 QC Sample: L1947059-01 Client ID: MW202_100719						
Iron, Dissolved	0.469	0.476	mg/l	1		20
Manganese, Dissolved	1.120	1.128	mg/l	1		20

INORGANICS
&
MISCELLANEOUS

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501
Lab Number: L1947059
Report Date: 10/14/19

SAMPLE RESULTS

Lab ID: L1947059-01
Client ID: MW202_100719
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Water

Date Collected: 10/07/19 11:00
Date Received: 10/07/19
Field Prep: Refer to COC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Nitrogen, Nitrate	2.78		mg/l	0.100	0.032	1	-	10/08/19 08:24	121,4500NO3-F	MR
Sulfate	75.		mg/l	25	3.4	2.5	10/09/19 12:02	10/09/19 12:02	1,9038	MV

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501
Lab Number: L1947059
Report Date: 10/14/19

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1293916-1										
Sulfate	1.8	J	mg/l	10	1.4	1	10/09/19 12:02	10/09/19 12:02	1,9038	MV
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1293925-1										
Nitrogen, Nitrate	ND		mg/l	0.100	0.032	1	-	10/08/19 06:15	121,4500NO3-F	MR

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE

Project Number: 170384501

Lab Number: L1947059

Report Date: 10/14/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1293916-2								
Sulfate	100		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1293925-2								
Nitrogen, Nitrate	96		-		90-110	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L1947059
Report Date: 10/14/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1293916-4 QC Sample: L1946933-02 Client ID: MS Sample												
Sulfate	12.	20	35	115		-	-		55-147	-		14
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1293925-4 QC Sample: L1900010-61 Client ID: MS Sample												
Nitrogen, Nitrate	1.54	4	5.34	95		-	-		83-113	-		17

Lab Duplicate Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE

Project Number: 170384501

Lab Number: L1947059

Report Date: 10/14/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1293916-3 QC Sample: L1946933-02 Client ID: DUP Sample						
Sulfate	12.	12	mg/l	0		14
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1293925-3 QC Sample: L1900010-61 Client ID: DUP Sample						
Nitrogen, Nitrate	1.54	1.52	mg/l	1		17

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L1947059
Report Date: 10/14/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1947059-01A	Vial HCl preserved	C	NA		3.5	Y	Absent		TPH-GRO(14)
L1947059-01B	Vial HCl preserved	C	NA		3.5	Y	Absent		TPH-GRO(14)
L1947059-01C	Vial HCl preserved	C	NA		3.5	Y	Absent		TPH-GRO(14)
L1947059-01D	Vial HCl preserved	C	NA		3.5	Y	Absent		NYTCL-8260(14)
L1947059-01E	Vial HCl preserved	C	NA		3.5	Y	Absent		NYTCL-8260(14)
L1947059-01F	Vial HCl preserved	C	NA		3.5	Y	Absent		NYTCL-8260(14)
L1947059-01G	Plastic 250ml unpreserved	C	7	7	3.5	Y	Absent		SO4-9038(28),NO3-4500(2)
L1947059-01H	Plastic 500ml HNO3 preserved	C	<2	<2	3.5	Y	Absent		MN-6020S(180),FE-6020S(180)
L1947059-01I	Plastic 250ml HNO3 preserved	C	<2	<2	3.5	Y	Absent		FE-6020T(180),MN-6020T(180)
L1947059-01J	Amber 250ml unpreserved	C	7	7	3.5	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1947059-01K	Amber 250ml unpreserved	C	7	7	3.5	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)

*Values in parentheses indicate holding time in days

Project Name:	805-825 ATLANTIC AVENUE	**Lab Number:**	L1947059
Project Number:	170384501	**Report Date:**	10/14/19

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: DU Report with 'J' Qualifiers

Project Name:	805-825 ATLANTIC AVENUE	**Lab Number:**	L1947059
Project Number:	170384501	**Report Date:**	10/14/19

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers

Project Name:	805-825 ATLANTIC AVENUE	**Lab Number:**	L1947059
Project Number:	170384501	**Report Date:**	10/14/19

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

L1947059 SH 10/8/19

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 8 of 8

Date Rec'd in Lab: 10/08/19

ALPHA Job #: ~~L1946736~~

Client Information

Client: Langan
Address: 360 W. 31st St
New York, NY 10001
Phone: 212-479-5400
Fax: 212-479-5444
Email: Kdelcol@langan.com

Project Information

Project Name: 805-825 Atlantic Avenue
Project Location: Brooklyn, NY
Project #: 170384501
(Use Project name as Project #) ☐
Project Manager: Kim Del Col
ALPHAQuote #:

Turn-Around Time

Standard ☒ *
Rush (only if pre approved) ☐
Due Date:
# of Days:

Deliverables

☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments: also cc: canderson@langan.com
* 48 hour turn around on VOCs and SVOCs

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☒ Done for dissolved metals
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/TAL VOCs	TCL/TAL SVOCs	TPH GRO	Total+dissolved iron	Total+dissolved manganese	Sulfate	nitrate	Sample Specific Comments
~~L1947059-01~~ 47059-01	MW202_100719	10-7-19	11:00	GW	SR	X	X	X	X	X	X	X	

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Tom Monroe	10/7/19 3:52 PM	NEAdams	10/7/19 15:52
NEAdams (AAL)	10/7/19 18:00	[illegible]	10/7/19 0015
[illegible]	10/8/19 0015	[illegible]	10/8/19 0026

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L1959030
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Kimberly Del Col
Phone:	(212) 479-5486
Project Name:	805-825 ATLANTIC AVENUE
Project Number:	170384501
Report Date:	12/17/19

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L1959030
Report Date: 12/17/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1959030-01	MW111_121019	WATER	BROOKLYN, NY	12/10/19 10:30	12/10/19
L1959030-02	FB01_121019	WATER	BROOKLYN, NY	12/10/19 14:00	12/10/19
L1959030-03	TB01_121019	WATER	BROOKLYN, NY	12/10/19 00:00	12/10/19

Project Name:	805-825 ATLANTIC AVENUE	**Lab Number:**	L1959030
Project Number:	170384501	**Report Date:**	12/17/19

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	805-825 ATLANTIC AVENUE	**Lab Number:**	L1959030
Project Number:	170384501	**Report Date:**	12/17/19

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cristin Walker

Title: Technical Director/Representative Date: 12/17/19

ORGANICS

VOLATILES

Project Name: 805-825 ATLANTIC AVENUE
Lab Number: L1959030
Project Number: 170384501
Report Date: 12/17/19

SAMPLE RESULTS

Lab ID: L1959030-01
Client ID: MW111_121019
Sample Location: BROOKLYN, NY

Date Collected: 12/10/19 10:30
Date Received: 12/10/19
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/13/19 01:43
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	1.3	J	ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.28	J	ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L1959030

Project Number: 170384501 **Report Date:** 12/17/19

SAMPLE RESULTS

Lab ID: L1959030-01 Date Collected: 12/10/19 10:30

Client ID: MW111_121019 Date Received: 12/10/19

Sample Location: BROOKLYN, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	5.0		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L1959030

Project Number: 170384501 **Report Date:** 12/17/19

SAMPLE RESULTS

Lab ID: L1959030-01 Date Collected: 12/10/19 10:30

Client ID: MW111_121019 Date Received: 12/10/19

Sample Location: BROOKLYN, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	111		70-130

Project Name: 805-825 ATLANTIC AVENUE
Lab Number: L1959030
Project Number: 170384501
Report Date: 12/17/19

SAMPLE RESULTS

Lab ID: L1959030-02
Client ID: FB01_121019
Sample Location: BROOKLYN, NY

Date Collected: 12/10/19 14:00
Date Received: 12/10/19
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/15/19 15:59
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L1959030

Project Number: 170384501 **Report Date:** 12/17/19

SAMPLE RESULTS

Lab ID: L1959030-02 Date Collected: 12/10/19 14:00

Client ID: FB01_121019 Date Received: 12/10/19

Sample Location: BROOKLYN, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L1959030

Project Number: 170384501 **Report Date:** 12/17/19

SAMPLE RESULTS

Lab ID: L1959030-02 Date Collected: 12/10/19 14:00

Client ID: FB01_121019 Date Received: 12/10/19

Sample Location: BROOKLYN, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	113		70-130

Project Name: 805-825 ATLANTIC AVENUE
Lab Number: L1959030
Project Number: 170384501
Report Date: 12/17/19

SAMPLE RESULTS

Lab ID: L1959030-03
Client ID: TB01_121019
Sample Location: BROOKLYN, NY

Date Collected: 12/10/19 00:00
Date Received: 12/10/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/15/19 16:31
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L1959030

Project Number: 170384501 **Report Date:** 12/17/19

SAMPLE RESULTS

Lab ID: L1959030-03 Date Collected: 12/10/19 00:00

Client ID: TB01_121019 Date Received: 12/10/19

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L1959030

Project Number: 170384501 **Report Date:** 12/17/19

SAMPLE RESULTS

Lab ID: L1959030-03 Date Collected: 12/10/19 00:00

Client ID: TB01_121019 Date Received: 12/10/19

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	91		70-130

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L1959030

Project Number: 170384501 **Report Date:** 12/17/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/12/19 22:19
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1321412-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L1959030

Project Number: 170384501 **Report Date:** 12/17/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/12/19 22:19
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1321412-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L1959030

Project Number: 170384501 **Report Date:** 12/17/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/12/19 22:19
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1321412-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	110		70-130

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L1959030

Project Number: 170384501 **Report Date:** 12/17/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/15/19 11:07
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-03 Batch: WG1321430-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501
Lab Number: L1959030
Report Date: 12/17/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/15/19 11:07
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-03 Batch: WG1321430-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L1959030

Project Number: 170384501 **Report Date:** 12/17/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/15/19 11:07
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-03 Batch: WG1321430-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	111		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE

Project Number: 170384501

Lab Number: L1959030

Report Date: 12/17/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1321412-3 WG1321412-4								
Methylene chloride	89		76		70-130	16		20
1,1-Dichloroethane	92		97		70-130	5		20
Chloroform	96		94		70-130	2		20
Carbon tetrachloride	100		97		63-132	3		20
1,2-Dichloropropane	90		100		70-130	11		20
Dibromochloromethane	99		98		63-130	1		20
1,1,2-Trichloroethane	95		100		70-130	5		20
Tetrachloroethene	110		95		70-130	15		20
Chlorobenzene	99		100		75-130	1		20
Trichlorofluoromethane	110		78		62-150	**34**	Q	20
1,2-Dichloroethane	94		95		70-130	1		20
1,1,1-Trichloroethane	100		97		67-130	3		20
Bromodichloromethane	98		97		67-130	1		20
trans-1,3-Dichloropropene	100		100		70-130	0		20
cis-1,3-Dichloropropene	99		100		70-130	1		20
1,1-Dichloropropene	97		100		70-130	3		20
Bromoform	97		97		54-136	0		20
1,1,2,2-Tetrachloroethane	90		110		67-130	20		20
Benzene	91		98		70-130	7		20
Toluene	97		110		70-130	13		20
Ethylbenzene	99		100		70-130	1		20
Chloromethane	89		**62**	Q	64-130	**36**	Q	20
Bromomethane	98		71		39-139	**32**	Q	20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L1959030
Report Date: 12/17/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1321412-3 WG1321412-4								
Vinyl chloride	94		68		55-140	**32**	Q	20
Chloroethane	110		84		55-138	**27**	Q	20
1,1-Dichloroethene	100		76		61-145	**27**	Q	20
trans-1,2-Dichloroethene	90		80		70-130	12		20
Trichloroethene	96		95		70-130	1		20
1,2-Dichlorobenzene	96		79		70-130	19		20
1,3-Dichlorobenzene	98		100		70-130	2		20
1,4-Dichlorobenzene	96		100		70-130	4		20
Methyl tert butyl ether	90		89		63-130	1		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		95		70-130	5		20
cis-1,2-Dichloroethene	99		100		70-130	1		20
Dibromomethane	94		98		70-130	4		20
1,2,3-Trichloropropane	89		100		64-130	12		20
Acrylonitrile	87		100		70-130	14		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	95		71		36-147	**29**	Q	20
Acetone	72		74		58-148	3		20
Carbon disulfide	98		77		51-130	**24**	Q	20
2-Butanone	79		92		63-138	15		20
Vinyl acetate	86		100		70-130	15		20
4-Methyl-2-pentanone	92		99		59-130	7		20
2-Hexanone	79		98		57-130	**21**	Q	20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE

Project Number: 170384501

Lab Number: L1959030

Report Date: 12/17/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1321412-3 WG1321412-4								
Bromochloromethane	100		99		70-130	1		20
2,2-Dichloropropane	100		95		63-133	5		20
1,2-Dibromoethane	100		99		70-130	1		20
1,3-Dichloropropane	96		99		70-130	3		20
1,1,1,2-Tetrachloroethane	110		100		64-130	10		20
Bromobenzene	97		100		70-130	3		20
n-Butylbenzene	94		80		53-136	16		20
sec-Butylbenzene	95		100		70-130	5		20
tert-Butylbenzene	96		100		70-130	4		20
o-Chlorotoluene	93		100		70-130	7		20
p-Chlorotoluene	92		100		70-130	8		20
1,2-Dibromo-3-chloropropane	95		83		41-144	13		20
Hexachlorobutadiene	110		87		63-130	**23**	Q	20
Isopropylbenzene	94		100		70-130	6		20
p-Isopropyltoluene	97		100		70-130	3		20
Naphthalene	99		83		70-130	18		20
n-Propylbenzene	94		100		69-130	6		20
1,2,3-Trichlorobenzene	96		84		70-130	13		20
1,2,4-Trichlorobenzene	100		82		70-130	20		20
1,3,5-Trimethylbenzene	95		100		64-130	5		20
1,2,4-Trimethylbenzene	94		100		70-130	6		20
1,4-Dioxane	106		120		56-162	12		20
p-Diethylbenzene	95		88		70-130	8		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L1959030
Report Date: 12/17/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1321412-3 WG1321412-4								
p-Ethyltoluene	94		100		70-130	6		20
1,2,4,5-Tetramethylbenzene	100		84		70-130	17		20
Ethyl ether	110		82		59-134	**29**	Q	20
trans-1,4-Dichloro-2-butene	88		110		70-130	**22**	Q	20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		96		70-130
Toluene-d8	107		114		70-130
4-Bromofluorobenzene	100		105		70-130
Dibromofluoromethane	109		103		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L1959030
Report Date: 12/17/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03 Batch: WG1321430-3 WG1321430-4								
Methylene chloride	77		100		70-130	**26**	Q	20
1,1-Dichloroethane	74		99		70-130	**29**	Q	20
Chloroform	110		100		70-130	10		20
Carbon tetrachloride	110		110		63-132	0		20
1,2-Dichloropropane	100		97		70-130	3		20
Dibromochloromethane	100		110		63-130	10		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	100		110		75-130	10		20
Trichlorofluoromethane	120		110		62-150	9		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	110		110		67-130	0		20
trans-1,3-Dichloropropene	110		110		70-130	0		20
cis-1,3-Dichloropropene	110		110		70-130	0		20
1,1-Dichloropropene	110		110		70-130	0		20
Bromoform	110		110		54-136	0		20
1,1,2,2-Tetrachloroethane	100		100		67-130	0		20
Benzene	100		98		70-130	2		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	91		81		64-130	12		20
Bromomethane	120		120		39-139	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L1959030
Report Date: 12/17/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03 Batch: WG1321430-3 WG1321430-4								
Vinyl chloride	98		92		55-140	6		20
Chloroethane	130		110		55-138	17		20
1,1-Dichloroethene	120		110		61-145	9		20
trans-1,2-Dichloroethene	80		100		70-130	**22**	Q	20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		110		70-130	10		20
1,4-Dichlorobenzene	100		110		70-130	10		20
Methyl tert butyl ether	74		100		63-130	**30**	Q	20
p/m-Xylene	105		105		70-130	0		20
o-Xylene	105		105		70-130	0		20
cis-1,2-Dichloroethene	110		110		70-130	0		20
Dibromomethane	110		110		70-130	0		20
1,2,3-Trichloropropane	100		99		64-130	1		20
Acrylonitrile	**63**	Q	92		70-130	**37**	Q	20
Styrene	105		105		70-130	0		20
Dichlorodifluoromethane	96		83		36-147	15		20
Acetone	69		97		58-148	**34**	Q	20
Carbon disulfide	120		110		51-130	9		20
2-Butanone	94		90		63-138	4		20
Vinyl acetate	**68**	Q	96		70-130	**34**	Q	20
4-Methyl-2-pentanone	95		99		59-130	4		20
2-Hexanone	89		92		57-130	3		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L1959030
Report Date: 12/17/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03 Batch: WG1321430-3 WG1321430-4								
Bromochloromethane	110		110		70-130	0		20
2,2-Dichloropropane	110		100		63-133	10		20
1,2-Dibromoethane	100		100		70-130	0		20
1,3-Dichloropropane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	110		110		64-130	0		20
Bromobenzene	100		110		70-130	10		20
n-Butylbenzene	100		100		53-136	0		20
sec-Butylbenzene	100		99		70-130	1		20
tert-Butylbenzene	100		100		70-130	0		20
o-Chlorotoluene	100		100		70-130	0		20
p-Chlorotoluene	100		100		70-130	0		20
1,2-Dibromo-3-chloropropane	100		110		41-144	10		20
Hexachlorobutadiene	110		110		63-130	0		20
Isopropylbenzene	100		100		70-130	0		20
p-Isopropyltoluene	100		100		70-130	0		20
Naphthalene	100		110		70-130	10		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	100		110		70-130	10		20
1,2,4-Trichlorobenzene	110		110		70-130	0		20
1,3,5-Trimethylbenzene	100		100		64-130	0		20
1,2,4-Trimethylbenzene	100		100		70-130	0		20
1,4-Dioxane	114		116		56-162	2		20
p-Diethylbenzene	100		100		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE

Project Number: 170384501

Lab Number: L1959030

Report Date: 12/17/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03 Batch: WG1321430-3 WG1321430-4								
p-Ethyltoluene	100		100		70-130	0		20
1,2,4,5-Tetramethylbenzene	110		110		70-130	0		20
Ethyl ether	120		110		59-134	9		20
trans-1,4-Dichloro-2-butene	95		99		70-130	4		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		98		70-130
Toluene-d8	105		104		70-130
4-Bromofluorobenzene	98		98		70-130
Dibromofluoromethane	105		106		70-130

METALS

Project Name: 805-825 ATLANTIC AVENUE
Lab Number: L1959030
Project Number: 170384501
Report Date: 12/17/19

SAMPLE RESULTS

Lab ID: L1959030-01
Client ID: MW111_121019
Sample Location: BROOKLYN, NY
Date Collected: 12/10/19 10:30
Date Received: 12/10/19
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Iron, Total	0.264		mg/l	0.100	0.0191	1	12/16/19 22:42	12/17/19 10:04	EPA 3005A	1,6020B	AM
Manganese, Total	0.4504		mg/l	0.00100	0.00044	1	12/16/19 22:42	12/17/19 10:04	EPA 3005A	1,6020B	AM
Dissolved Metals - Mansfield Lab											
Iron, Dissolved	ND		mg/l	0.100	0.0191	1	12/16/19 22:42	12/17/19 09:20	EPA 3005A	1,6020B	AM
Manganese, Dissolved	0.4147		mg/l	0.00100	0.00044	1	12/16/19 22:42	12/17/19 09:20	EPA 3005A	1,6020B	AM

Project Name: 805-825 ATLANTIC AVENUE
Lab Number: L1959030
Project Number: 170384501
Report Date: 12/17/19

SAMPLE RESULTS

Lab ID: L1959030-02
Client ID: FB01_121019
Sample Location: BROOKLYN, NY
Date Collected: 12/10/19 14:00
Date Received: 12/10/19
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Iron, Total	ND		mg/l	0.100	0.0191	1	12/16/19 22:42	12/17/19 09:42	EPA 3005A	1,6020B	AM
Manganese, Total	ND		mg/l	0.00100	0.00044	1	12/16/19 22:42	12/17/19 09:42	EPA 3005A	1,6020B	AM
Dissolved Metals - Mansfield Lab											
Iron, Dissolved	ND		mg/l	0.100	0.0191	1	12/16/19 22:42	12/17/19 08:55	EPA 3005A	1,6020B	AM
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	12/16/19 22:42	12/17/19 08:55	EPA 3005A	1,6020B	AM

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501
Lab Number: L1959030
Report Date: 12/17/19

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1321482-1										
Iron, Dissolved	0.0350	J	mg/l	0.100	0.0191	1	12/16/19 22:42	12/17/19 08:46	1,6020B	AM
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	12/16/19 22:42	12/17/19 08:46	1,6020B	AM

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1321483-1										
Iron, Total	0.0215	J	mg/l	0.100	0.0191	1	12/16/19 22:42	12/17/19 08:50	1,6020B	AM
Manganese, Total	ND		mg/l	0.00100	0.00044	1	12/16/19 22:42	12/17/19 08:50	1,6020B	AM

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE

Project Number: 170384501

Lab Number: L1959030

Report Date: 12/17/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1321482-2								
Iron, Dissolved	111		-		80-120	-		
Manganese, Dissolved	100		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1321483-2								
Iron, Total	115		-		80-120	-		
Manganese, Total	104		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L1959030
Report Date: 12/17/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1321482-3 QC Sample: L1959030-01 Client ID: MW111_121019												
Iron, Dissolved	ND	1	1.11	111		-	-		75-125	-		20
Manganese, Dissolved	0.4147	0.5	0.9201	101		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1321483-3 QC Sample: L1959030-01 Client ID: MW111_121019												
Iron, Total	0.264	1	1.43	117		-	-		75-125	-		20
Manganese, Total	0.4504	0.5	0.9661	103		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE

Project Number: 170384501

Lab Number: L1959030

Report Date: 12/17/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1321482-4 QC Sample: L1959030-01 Client ID: MW111_121019						
Iron, Dissolved	ND	0.0480J	mg/l	NC		20
Manganese, Dissolved	0.4147	0.4105	mg/l	1		20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1321483-4 QC Sample: L1959030-01 Client ID: MW111_121019						
Iron, Total	0.264	0.301	mg/l	13		20
Manganese, Total	0.4504	0.4446	mg/l	1		20

INORGANICS
&
MISCELLANEOUS

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L1959030
Report Date: 12/17/19

SAMPLE RESULTS

Lab ID: L1959030-01
Client ID: MW111_121019
Sample Location: BROOKLYN, NY

Date Collected: 12/10/19 10:30
Date Received: 12/10/19
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Nitrogen, Nitrate	17.3		mg/l	0.500	0.164	5	-	12/11/19 06:32	121,4500NO3-F	MR
Sulfide	ND		mg/l	0.10	0.10	1	12/14/19 23:00	12/15/19 05:18	121,4500S2-AD	CW
Sulfate	86.		mg/l	33	4.5	3.3	12/11/19 10:15	12/11/19 10:15	1,9038	MV

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501
Lab Number: L1959030
Report Date: 12/17/19

SAMPLE RESULTS

Lab ID: L1959030-02
Client ID: FB01_121019
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Water

Date Collected: 12/10/19 14:00
Date Received: 12/10/19
Field Prep: Refer to COC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Nitrogen, Nitrate	ND		mg/l	0.100	0.032	1	-	12/11/19 06:33	121,4500NO3-F	MR
Sulfide	ND		mg/l	0.10	0.10	1	12/14/19 23:00	12/15/19 05:18	121,4500S2-AD	CW
Sulfate	2.1	J	mg/l	10	1.4	1	12/11/19 10:15	12/11/19 10:15	1,9038	MV

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501
Lab Number: L1959030
Report Date: 12/17/19

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-02 Batch: WG1318923-1										
Sulfate	1.9	J	mg/l	10	1.4	1	12/11/19 10:15	12/11/19 10:15	1,9038	MV
General Chemistry - Westborough Lab for sample(s): 01-02 Batch: WG1319181-1										
Nitrogen, Nitrate	ND		mg/l	0.100	0.032	1	-	12/11/19 06:23	121,4500NO3-F	MR
General Chemistry - Westborough Lab for sample(s): 01-02 Batch: WG1320934-1										
Sulfide	ND		mg/l	0.10	0.10	1	12/14/19 23:00	12/15/19 05:15	121,4500S2-AD	CW

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE

Project Number: 170384501

Lab Number: L1959030

Report Date: 12/17/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1318923-2								
Sulfate	95		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1319181-2								
Nitrogen, Nitrate	106		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1320934-2								
Sulfide	77		-		75-125	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L1959030
Report Date: 12/17/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1318923-4 QC Sample: L1957779-01 Client ID: MS Sample												
Sulfate	54.	100	160	102		-	-		55-147	-		14
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1319181-4 QC Sample: L1958736-01 Client ID: MS Sample												
Nitrogen, Nitrate	ND	4	4.01	100		-	-		83-113	-		17
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1320934-4 QC Sample: L1900012-89 Client ID: MS Sample												
Sulfide	ND	0.44	0.19	**43**	Q	-	-		70-130	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE

Project Number: 170384501

Lab Number: L1959030

Report Date: 12/17/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1318923-3 QC Sample: L1957779-01 Client ID: DUP Sample						
Sulfate	54.	55	mg/l	2		14
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1319181-3 QC Sample: L1958736-01 Client ID: DUP Sample						
Nitrogen, Nitrate	ND	ND	mg/l	NC		17
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1320934-3 QC Sample: L1900012-88 Client ID: DUP Sample						
Sulfide	ND	ND	mg/l	NC		20

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L1959030
Report Date: 12/17/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1959030-01A	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L1959030-01B	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L1959030-01C	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L1959030-01D	Plastic 250ml unpreserved	A	7	7	3.5	Y	Absent		SO4-9038(28),NO3-4500(2)
L1959030-01E	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.5	Y	Absent		SULFIDE-4500(7)
L1959030-01F	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.5	Y	Absent		SULFIDE-4500(7)
L1959030-01G	Plastic 250ml HNO3 preserved	A	<2	<2	3.5	Y	Absent		MN-6020S(180),FE-6020S(180)
L1959030-01H	Plastic 250ml HNO3 preserved	A	<2	<2	3.5	Y	Absent		FE-6020T(180),MN-6020T(180)
L1959030-02A	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L1959030-02B	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L1959030-02C	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L1959030-02D	Plastic 250ml unpreserved	A	7	7	3.5	Y	Absent		SO4-9038(28),NO3-4500(2)
L1959030-02E	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.5	Y	Absent		SULFIDE-4500(7)
L1959030-02F	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.5	Y	Absent		SULFIDE-4500(7)
L1959030-02G	Plastic 250ml HNO3 preserved	A	<2	<2	3.5	Y	Absent		MN-6020S(180),FE-6020S(180)
L1959030-02H	Plastic 250ml HNO3 preserved	A	<2	<2	3.5	Y	Absent		FE-6020T(180),MN-6020T(180)
L1959030-03A	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L1959030-03B	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	805-825 ATLANTIC AVENUE	**Lab Number:**	L1959030
Project Number:	170384501	**Report Date:**	12/17/19

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: DU Report with 'J' Qualifiers

Project Name:	805-825 ATLANTIC AVENUE	**Lab Number:**	L1959030
Project Number:	170384501	**Report Date:**	12/17/19

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

Report Format: DU Report with 'J' Qualifiers

Project Name:	805-825 ATLANTIC AVENUE	**Lab Number:**	L1959030
Project Number:	170384501	**Report Date:**	12/17/19

Data Qualifiers

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers

Project Name:	805-825 ATLANTIC AVENUE	**Lab Number:**	L1959030
Project Number:	170384501	**Report Date:**	12/17/19

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 12/11/19

ALPHA Job #: L1959030

Client Information

Client: Langan Engineering
Address: 360 W 31st Street, 8th Floor
New York, NY 10001
Phone: 2124795400
Fax: 2124795499
Email: kdelcol@langan.com

Project Information

Project Name: 805-825 Atlantic Avenue
Project Location: Brooklyn, NY
Project #: 170384501
(Use Project name as Project #) ☐
Project Manager: Kim Del Col / Colin Anderson
ALPHAQuote #:

Turn-Around Time

Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use ~~TAL/TCL~~
☐ NYC Sewer Discharge TAL/TCL ☑

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
Please CC: datamanagement@langan.com

Please specify Metals or TAL.

ANALYSIS

~~TAL/TCL~~ TAL/TCL VOCs | Total & Dissolved Fe | Total & Dissolved Mn | Sulfate, Sulfide | TAL Metals | | | |

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials									Total Bottle
59030-01	MW9B_121019	12/10/19	10:30	GW	TM	X	X	X	X	X				
-02	FB01-121019	12/10/19	14:00	AQ	TM	X	X	X	X	X				
-03	TB01-121019	12/10/19	-	AQ	TM	X								

Container Type: V
Preservative: B

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	12/10/19 14:30	GJAC (AAW)	12/10/19 14:30
GJAC	12/10/19 19:20	AAL	12/10/19 20:00
AAL	12/11/19 00:30	Wendy Mowrey	12/11/19 00:30

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L1961529
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Kimberly Del Col
Phone:	(212) 479-5486
Project Name:	805-825 ATLANTIC AVENUE
Project Number:	170384501
Report Date:	12/31/19

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L1961529
Report Date: 12/31/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1961529-01	MW-118_122319	WATER	BROOKLYN, NY	12/23/19 09:00	12/23/19
L1961529-02	TB02_122319	WATER	BROOKLYN, NY	12/23/19 00:00	12/23/19

Project Name:	805-825 ATLANTIC AVENUE	**Lab Number:**	L1961529
Project Number:	170384501	**Report Date:**	12/31/19

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	805-825 ATLANTIC AVENUE	**Lab Number:**	L1961529
Project Number:	170384501	**Report Date:**	12/31/19

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

The analyses performed were specified by the client.

Sulfide

WG1325371: A Laboratory Duplicate could not be performed due to insufficient sample volume available for analysis.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 12/31/19

ORGANICS

VOLATILES

Project Name: 805-825 ATLANTIC AVENUE
Lab Number: L1961529
Project Number: 170384501
Report Date: 12/31/19

SAMPLE RESULTS

Lab ID: L1961529-01
Client ID: MW-118_122319
Sample Location: BROOKLYN, NY

Date Collected: 12/23/19 09:00
Date Received: 12/23/19
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/28/19 16:40
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	0.94	J	ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L1961529

Project Number: 170384501 **Report Date:** 12/31/19

SAMPLE RESULTS

Lab ID: L1961529-01 Date Collected: 12/23/19 09:00

Client ID: MW-118_122319 Date Received: 12/23/19

Sample Location: BROOKLYN, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	0.24	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L1961529

Project Number: 170384501 **Report Date:** 12/31/19

SAMPLE RESULTS

Lab ID: L1961529-01 Date Collected: 12/23/19 09:00

Client ID: MW-118_122319 Date Received: 12/23/19

Sample Location: BROOKLYN, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	1.4	J	ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	3.1		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	2.2	J	ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	4.1		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	1.2	J	ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	94		70-130

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L1961529

Project Number: 170384501 **Report Date:** 12/31/19

SAMPLE RESULTS

Lab ID: L1961529-02
Client ID: TB02_122319
Sample Location: BROOKLYN, NY

Date Collected: 12/23/19 00:00
Date Received: 12/23/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/30/19 09:11
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L1961529

Project Number: 170384501 **Report Date:** 12/31/19

SAMPLE RESULTS

Lab ID: L1961529-02 Date Collected: 12/23/19 00:00

Client ID: TB02_122319 Date Received: 12/23/19

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L1961529

Project Number: 170384501 **Report Date:** 12/31/19

SAMPLE RESULTS

Lab ID: L1961529-02 Date Collected: 12/23/19 00:00

Client ID: TB02_122319 Date Received: 12/23/19

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	99		70-130

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L1961529

Project Number: 170384501 **Report Date:** 12/31/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/28/19 11:21
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1325577-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L1961529

Project Number: 170384501 **Report Date:** 12/31/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/28/19 11:21
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1325577-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L1961529

Project Number: 170384501 **Report Date:** 12/31/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/28/19 11:21
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1325577-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	93		70-130

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L1961529

Project Number: 170384501 **Report Date:** 12/31/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/30/19 08:46
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1325740-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501
Lab Number: L1961529
Report Date: 12/31/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/30/19 08:46
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1325740-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L1961529

Project Number: 170384501 **Report Date:** 12/31/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/30/19 08:46
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1325740-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	98		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE

Project Number: 170384501

Lab Number: L1961529

Report Date: 12/31/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1325577-3 WG1325577-4								
Methylene chloride	97		89		70-130	9		20
1,1-Dichloroethane	110		99		70-130	11		20
Chloroform	95		87		70-130	9		20
Carbon tetrachloride	91		83		63-132	9		20
1,2-Dichloropropane	100		94		70-130	6		20
Dibromochloromethane	95		91		63-130	4		20
1,1,2-Trichloroethane	99		94		70-130	5		20
Tetrachloroethene	92		86		70-130	7		20
Chlorobenzene	99		92		75-130	7		20
Trichlorofluoromethane	89		80		62-150	11		20
1,2-Dichloroethane	88		85		70-130	3		20
1,1,1-Trichloroethane	92		86		67-130	7		20
Bromodichloromethane	93		86		67-130	8		20
trans-1,3-Dichloropropene	100		100		70-130	0		20
cis-1,3-Dichloropropene	99		93		70-130	6		20
1,1-Dichloropropene	96		88		70-130	9		20
Bromoform	89		88		54-136	1		20
1,1,2,2-Tetrachloroethane	100		99		67-130	1		20
Benzene	97		90		70-130	7		20
Toluene	100		94		70-130	6		20
Ethylbenzene	100		93		70-130	7		20
Chloromethane	93		79		64-130	16		20
Bromomethane	40		40		39-139	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE

Project Number: 170384501

Lab Number: L1961529

Report Date: 12/31/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1325577-3 WG1325577-4								
Vinyl chloride	80		74		55-140	8		20
Chloroethane	76		70		55-138	8		20
1,1-Dichloroethene	96		85		61-145	12		20
trans-1,2-Dichloroethene	99		89		70-130	11		20
Trichloroethene	94		87		70-130	8		20
1,2-Dichlorobenzene	100		95		70-130	5		20
1,3-Dichlorobenzene	100		96		70-130	4		20
1,4-Dichlorobenzene	99		95		70-130	4		20
Methyl tert butyl ether	98		94		63-130	4		20
p/m-Xylene	100		90		70-130	11		20
o-Xylene	95		90		70-130	5		20
cis-1,2-Dichloroethene	98		90		70-130	9		20
Dibromomethane	90		85		70-130	6		20
1,2,3-Trichloropropane	98		98		64-130	0		20
Acrylonitrile	110		110		70-130	0		20
Styrene	95		90		70-130	5		20
Dichlorodifluoromethane	52		46		36-147	12		20
Acetone	97		82		58-148	17		20
Carbon disulfide	100		89		51-130	12		20
2-Butanone	100		88		63-138	13		20
Vinyl acetate	**140**	Q	130		70-130	7		20
4-Methyl-2-pentanone	100		100		59-130	0		20
2-Hexanone	110		100		57-130	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE

Project Number: 170384501

Lab Number: L1961529

Report Date: 12/31/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1325577-3 WG1325577-4								
Bromochloromethane	100		94		70-130	6		20
2,2-Dichloropropane	110		120		63-133	9		20
1,2-Dibromoethane	98		92		70-130	6		20
1,3-Dichloropropane	100		99		70-130	1		20
1,1,1,2-Tetrachloroethane	97		90		64-130	7		20
Bromobenzene	97		95		70-130	2		20
n-Butylbenzene	110		100		53-136	10		20
sec-Butylbenzene	110		100		70-130	10		20
tert-Butylbenzene	100		97		70-130	3		20
o-Chlorotoluene	100		100		70-130	0		20
p-Chlorotoluene	110		100		70-130	10		20
1,2-Dibromo-3-chloropropane	87		84		41-144	4		20
Hexachlorobutadiene	97		91		63-130	6		20
Isopropylbenzene	100		98		70-130	2		20
p-Isopropyltoluene	110		94		70-130	16		20
Naphthalene	94		92		70-130	2		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	97		92		70-130	5		20
1,2,4-Trichlorobenzene	100		94		70-130	6		20
1,3,5-Trimethylbenzene	100		100		64-130	0		20
1,2,4-Trimethylbenzene	100		99		70-130	1		20
1,4-Dioxane	98		86		56-162	13		20
p-Diethylbenzene	100		98		70-130	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L1961529
Report Date: 12/31/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1325577-3 WG1325577-4								
p-Ethyltoluene	100		100		70-130	0		20
1,2,4,5-Tetramethylbenzene	98		95		70-130	3		20
Ethyl ether	96		88		59-134	9		20
trans-1,4-Dichloro-2-butene	110		110		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		106		70-130
Toluene-d8	101		101		70-130
4-Bromofluorobenzene	100		101		70-130
Dibromofluoromethane	92		92		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE

Project Number: 170384501

Lab Number: L1961529

Report Date: 12/31/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1325740-3 WG1325740-4								
Methylene chloride	88		87		70-130	1		20
1,1-Dichloroethane	93		92		70-130	1		20
Chloroform	89		87		70-130	2		20
Carbon tetrachloride	92		86		63-132	7		20
1,2-Dichloropropane	94		92		70-130	2		20
Dibromochloromethane	90		91		63-130	1		20
1,1,2-Trichloroethane	90		90		70-130	0		20
Tetrachloroethene	87		87		70-130	0		20
Chlorobenzene	89		89		75-130	0		20
Trichlorofluoromethane	88		85		62-150	3		20
1,2-Dichloroethane	93		92		70-130	1		20
1,1,1-Trichloroethane	88		86		67-130	2		20
Bromodichloromethane	92		90		67-130	2		20
trans-1,3-Dichloropropene	88		86		70-130	2		20
cis-1,3-Dichloropropene	90		91		70-130	1		20
1,1-Dichloropropene	91		86		70-130	6		20
Bromoform	94		90		54-136	4		20
1,1,2,2-Tetrachloroethane	93		92		67-130	1		20
Benzene	95		93		70-130	2		20
Toluene	90		88		70-130	2		20
Ethylbenzene	89		88		70-130	1		20
Chloromethane	83		82		64-130	1		20
Bromomethane	76		73		39-139	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE

Project Number: 170384501

Lab Number: L1961529

Report Date: 12/31/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1325740-3 WG1325740-4								
Vinyl chloride	99		96		55-140	3		20
Chloroethane	96		93		55-138	3		20
1,1-Dichloroethene	88		85		61-145	3		20
trans-1,2-Dichloroethene	90		86		70-130	5		20
Trichloroethene	90		88		70-130	2		20
1,2-Dichlorobenzene	90		90		70-130	0		20
1,3-Dichlorobenzene	92		90		70-130	2		20
1,4-Dichlorobenzene	92		90		70-130	2		20
Methyl tert butyl ether	92		92		63-130	0		20
p/m-Xylene	90		90		70-130	0		20
o-Xylene	90		90		70-130	0		20
cis-1,2-Dichloroethene	91		90		70-130	1		20
Dibromomethane	92		90		70-130	2		20
1,2,3-Trichloropropane	94		92		64-130	2		20
Acrylonitrile	100		98		70-130	2		20
Styrene	90		90		70-130	0		20
Dichlorodifluoromethane	85		82		36-147	4		20
Acetone	110		110		58-148	0		20
Carbon disulfide	92		87		51-130	6		20
2-Butanone	110		120		63-138	9		20
Vinyl acetate	98		97		70-130	1		20
4-Methyl-2-pentanone	94		98		59-130	4		20
2-Hexanone	90		92		57-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE

Project Number: 170384501

Lab Number: L1961529

Report Date: 12/31/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1325740-3 WG1325740-4								
Bromochloromethane	92		91		70-130	1		20
2,2-Dichloropropane	97		91		63-133	6		20
1,2-Dibromoethane	89		90		70-130	1		20
1,3-Dichloropropane	92		91		70-130	1		20
1,1,1,2-Tetrachloroethane	89		87		64-130	2		20
Bromobenzene	90		88		70-130	2		20
n-Butylbenzene	93		88		53-136	6		20
sec-Butylbenzene	92		88		70-130	4		20
tert-Butylbenzene	91		88		70-130	3		20
o-Chlorotoluene	91		88		70-130	3		20
p-Chlorotoluene	90		88		70-130	2		20
1,2-Dibromo-3-chloropropane	95		92		41-144	3		20
Hexachlorobutadiene	95		92		63-130	3		20
Isopropylbenzene	91		87		70-130	4		20
p-Isopropyltoluene	92		88		70-130	4		20
Naphthalene	93		92		70-130	1		20
n-Propylbenzene	92		88		69-130	4		20
1,2,3-Trichlorobenzene	93		91		70-130	2		20
1,2,4-Trichlorobenzene	93		92		70-130	1		20
1,3,5-Trimethylbenzene	91		89		64-130	2		20
1,2,4-Trimethylbenzene	91		89		70-130	2		20
1,4-Dioxane	110		108		56-162	2		20
p-Diethylbenzene	93		89		70-130	4		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L1961529
Report Date: 12/31/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1325740-3 WG1325740-4								
p-Ethyltoluene	91		88		70-130	3		20
1,2,4,5-Tetramethylbenzene	90		90		70-130	0		20
Ethyl ether	89		91		59-134	2		20
trans-1,4-Dichloro-2-butene	95		92		70-130	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		108		70-130
Toluene-d8	98		99		70-130
4-Bromofluorobenzene	99		98		70-130
Dibromofluoromethane	100		101		70-130

METALS

Project Name: 805-825 ATLANTIC AVENUE
Lab Number: L1961529
Project Number: 170384501
Report Date: 12/31/19

SAMPLE RESULTS

Lab ID: L1961529-01
Client ID: MW-118_122319
Sample Location: BROOKLYN, NY
Date Collected: 12/23/19 09:00
Date Received: 12/23/19
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Iron, Total	0.238		mg/l	0.100	0.0191	1	12/30/19 08:49	12/30/19 16:17	EPA 3005A	1,6020B	AM
Manganese, Total	0.05364		mg/l	0.00100	0.00044	1	12/30/19 08:49	12/30/19 16:17	EPA 3005A	1,6020B	AM
Dissolved Metals - Mansfield Lab											
Iron, Dissolved	0.0254	J	mg/l	0.100	0.0191	1	12/30/19 14:37	12/30/19 21:49	EPA 3005A	1,6020B	MG
Manganese, Dissolved	0.06553		mg/l	0.00100	0.00044	1	12/30/19 14:37	12/30/19 21:49	EPA 3005A	1,6020B	MG

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501
Lab Number: L1961529
Report Date: 12/31/19

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1325673-1										
Iron, Total	0.0245	J	mg/l	0.100	0.0191	1	12/30/19 08:49	12/30/19 14:51	1,6020B	AM
Manganese, Total	ND		mg/l	0.00100	0.00044	1	12/30/19 08:49	12/30/19 14:51	1,6020B	AM

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01 Batch: WG1325828-1										
Iron, Dissolved	ND		mg/l	0.100	0.0191	1	12/30/19 14:37	12/30/19 19:58	1,6020B	MG
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	12/30/19 14:37	12/30/19 19:58	1,6020B	MG

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE

Project Number: 170384501

Lab Number: L1961529

Report Date: 12/31/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1325673-2								
Iron, Total	117		-		80-120	-		
Manganese, Total	104		-		80-120	-		
Dissolved Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1325828-2								
Iron, Dissolved	119		-		80-120	-		
Manganese, Dissolved	111		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L1961529
Report Date: 12/31/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1325673-3 QC Sample: L1961513-01 Client ID: MS Sample												
Iron, Total	0.310	1	1.39	108		-	-		75-125	-		20
Manganese, Total	3.626	0.5	4.166	108		-	-		75-125	-		20
Dissolved Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1325828-3 QC Sample: L1961732-01 Client ID: MS Sample												
Iron, Dissolved	2.65	1	3.73	108		-	-		75-125	-		20
Manganese, Dissolved	8.099	0.5	8.603	101		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE

Project Number: 170384501

Lab Number: L1961529

Report Date: 12/31/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1325673-4 QC Sample: L1961513-01 Client ID: DUP Sample						
Iron, Total	0.310	0.509	mg/l	**49**	Q	20
Manganese, Total	3.626	3.496	mg/l	4		20
Dissolved Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1325828-4 QC Sample: L1961732-01 Client ID: DUP Sample						
Iron, Dissolved	2.65	2.55	mg/l	4		20
Manganese, Dissolved	8.099	7.613	mg/l	6		20

INORGANICS
&
MISCELLANEOUS

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501
Lab Number: L1961529
Report Date: 12/31/19

SAMPLE RESULTS

Lab ID: L1961529-01
Client ID: MW-118_122319
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Water
Date Collected: 12/23/19 09:00
Date Received: 12/23/19
Field Prep: Refer to COC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Nitrogen, Nitrate	7.86		mg/l	0.100	0.032	1	-	12/24/19 07:57	121,4500NO3-F	MR
Sulfide	ND		mg/l	0.10	0.10	1	12/27/19 17:20	12/27/19 18:45	121,4500S2-AD	MM
Sulfate	96.		mg/l	25	3.4	2.5	12/26/19 10:54	12/26/19 10:54	1,9038	MV

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501
Lab Number: L1961529
Report Date: 12/31/19

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1324314-1										
Nitrogen, Nitrate	ND		mg/l	0.100	0.032	1	-	12/24/19 07:20	121,4500NO3-F	MR
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1324764-1										
Sulfate	2.0	J	mg/l	10	1.4	1	12/26/19 10:54	12/26/19 10:54	1,9038	MV
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1325371-1										
Sulfide	ND		mg/l	0.10	0.10	1	12/27/19 17:20	12/27/19 18:45	121,4500S2-AD	MM

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE

Project Number: 170384501

Lab Number: L1961529

Report Date: 12/31/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1324314-2								
Nitrogen, Nitrate	97		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1324764-2								
Sulfate	95		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1325371-2								
Sulfide	77		-		75-125	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L1961529
Report Date: 12/31/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1324314-4 QC Sample: L1900012-136 Client ID: MS Sample												
Nitrogen, Nitrate	5.34	4	9.20	96		-	-		83-113	-		17
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1324764-4 QC Sample: L1961419-01 Client ID: MS Sample												
Sulfate	28.	40	67	98		-	-		55-147	-		14
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1325371-3 QC Sample: L1961529-01 Client ID: MW-118_122319												
Sulfide	ND	0.48	0.38	79		-	-		70-130	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE

Project Number: 170384501

Lab Number: L1961529

Report Date: 12/31/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1324314-3 QC Sample: L1900012-136 Client ID: DUP Sample						
Nitrogen, Nitrate	5.34	5.31	mg/l	1		17
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1324764-3 QC Sample: L1961419-01 Client ID: DUP Sample						
Sulfate	28.	26	mg/l	7		14

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L1961529
Report Date: 12/31/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1961529-01A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L1961529-01B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L1961529-01C	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L1961529-01D	Plastic 250ml unpreserved	A	7	7	3.1	Y	Absent		SO4-9038(28),NO3-4500(2)
L1961529-01E	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.1	Y	Absent		SULFIDE-4500(7)
L1961529-01F	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.1	Y	Absent		SULFIDE-4500(7)
L1961529-01G	Plastic 250ml HNO3 preserved	A	<2	<2	3.1	Y	Absent		MN-6020S(180),FE-6020S(180)
L1961529-01H	Plastic 250ml HNO3 preserved	A	<2	<2	3.1	Y	Absent		FE-6020T(180),MN-6020T(180)
L1961529-02A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L1961529-02B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	805-825 ATLANTIC AVENUE	**Lab Number:**	L1961529
Project Number:	170384501	**Report Date:**	12/31/19

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: DU Report with 'J' Qualifiers

Project Name:	805-825 ATLANTIC AVENUE	**Lab Number:**	L1961529
Project Number:	170384501	**Report Date:**	12/31/19

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

Report Format: DU Report with 'J' Qualifiers

Project Name:	805-825 ATLANTIC AVENUE	**Lab Number:**	L1961529
Project Number:	170384501	**Report Date:**	12/31/19

Data Qualifiers

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers

Project Name:	805-825 ATLANTIC AVENUE	**Lab Number:**	L1961529
Project Number:	170384501	**Report Date:**	12/31/19

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 12/23/19

ALPHA Job #: L1916529

Client Information

Client: LANGAN
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Email: KDELCOL@LANGAN.COM

Project Information

Project Name: BK-825 ATLANTIC AVENUE
Project Location: BROOKLYN, NY
Project #: 170384501
(Use Project name as Project #): ☐
Project Manager: KELLY DEL COL / COLIN ANDERSON
ALPHAQuote #:

Turn-Around Time

Standard: ☑ Due Date:
Rush (only if pre approved): ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☐ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use ☑ TAL / TCL
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

PLEASE CC DATAMANAGEMENT@LANGAN.COM

Please specify Metals or TAL.

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TAL/TCL VOC	TOTAL ASP-A DISSOLVED	TOTAL ASP-A TOTAL	SULFATE	SULFIDE	NITRITE			Total Bottle
L1916529-01	MW-18_122319	12/23/19	9:00	GW	TM	X	X	X	X	X	X			
02	TB02_122319	12/23/19		AQ	TM	X								

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Sample Specific Comments

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type														
Preservative														

Relinquished By:	Date/Time	Received By:	Date/Time
TOMAS MONTES	12/23/19 14:20	[illegible]	12/23/19 15:20
[illegible]	12/23/19 19:17	[illegible]	12/23/19 19:15
[illegible] AAL	12/23/19 23:00	[illegible]	12/23/19 23:00

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2000410
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Kimberly Del Col
Phone:	(212) 479-5486
Project Name:	805-825 ATLANTIC AVENUE
Project Number:	170384501
Report Date:	01/08/20

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L2000410
Report Date: 01/08/20

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2000410-01	IP-05_010620	WATER	BROOKLYN, NY	01/06/20 09:00	01/06/20
L2000410-02	TB03_010620	WATER	BROOKLYN, NY	01/06/20 00:00	01/06/20

Project Name:	805-825 ATLANTIC AVENUE	**Lab Number:**	L2000410
Project Number:	170384501	**Report Date:**	01/08/20

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L2000410
Project Number: 170384501 **Report Date:** 01/08/20

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

The sample was field filtered for Dissolved Metals.

Volatile Organics

L2000410-01: The internal standard (IS) response(s) for chlorobenzene-d5 (42%) and 1,4-dichlorobenzene-d4 (10%) and the surrogate recoveries for toluene-d8 (154%) and 4-bromofluorobenzene (163%) were outside the acceptance criteria; however, re-analysis achieved similar results: chlorobenzene-d5 (45%), 1,4-dichlorobenzene-d4 (14%), toluene-d8 (158%), and 4-bromofluorobenzene (149%). The results of both analyses are reported.

Total Metals

The WG1327691-3 MS recovery, performed on L2000410-01, is outside the acceptance criteria for iron (127%). A post digestion spike was performed and was within acceptance criteria.

Dissolved Metals

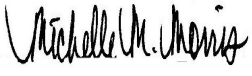
The WG1327694-2 LCS recovery, associated with L2000410-01, is above the acceptance criteria for iron (164%); however, the associated sample is non-detect to the RL for this target analyte. The results of the original analysis are reported.

The WG1327694-3 MS recovery, performed on L2000410-01, is outside the acceptance criteria for iron (132%). A post digestion spike was performed and was within acceptance criteria.

Sulfide

WG1327799: A Matrix Spike could not be performed due to insufficient sample volume available for analysis.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Michelle M. Morris

Title: Technical Director/Representative Date: 01/08/20

ORGANICS

VOLATILES

Project Name: 805-825 ATLANTIC AVENUE
Lab Number: L2000410
Project Number: 170384501
Report Date: 01/08/20

SAMPLE RESULTS

Lab ID: L2000410-01
Client ID: IP-05_010620
Sample Location: BROOKLYN, NY

Date Collected: 01/06/20 09:00
Date Received: 01/06/20
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 01/07/20 17:22
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	3.0		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	0.26	J	ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	1.2	J	ug/l	2.5	0.70	1
Bromomethane	8.0		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L2000410

Project Number: 170384501 **Report Date:** 01/08/20

SAMPLE RESULTS

Lab ID: L2000410-01 Date Collected: 01/06/20 09:00

Client ID: IP-05_010620 Date Received: 01/06/20

Sample Location: BROOKLYN, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.8	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	1.1	J	ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L2000410

Project Number: 170384501 **Report Date:** 01/08/20

SAMPLE RESULTS

Lab ID: L2000410-01 Date Collected: 01/06/20 09:00

Client ID: IP-05_010620 Date Received: 01/06/20

Sample Location: BROOKLYN, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	1.2	J	ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	**154**	Q	70-130
4-Bromofluorobenzene	**163**	Q	70-130
Dibromofluoromethane	107		70-130

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L2000410

Project Number: 170384501 **Report Date:** 01/08/20

SAMPLE RESULTS

Lab ID: L2000410-01 R
Client ID: IP-05_010620
Sample Location: BROOKLYN, NY

Date Collected: 01/06/20 09:00
Date Received: 01/06/20
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 01/08/20 08:57
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	2.3	J	ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	0.46	J	ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	2.0	J	ug/l	2.5	0.70	1
Bromomethane	5.9		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L2000410

Project Number: 170384501 **Report Date:** 01/08/20

SAMPLE RESULTS

Lab ID: L2000410-01 R
Client ID: IP-05_010620
Sample Location: BROOKLYN, NY

Date Collected: 01/06/20 09:00
Date Received: 01/06/20
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.3	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	0.78	J	ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	0.79	J	ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L2000410

Project Number: 170384501 **Report Date:** 01/08/20

SAMPLE RESULTS

Lab ID: L2000410-01 R Date Collected: 01/06/20 09:00

Client ID: IP-05_010620 Date Received: 01/06/20

Sample Location: BROOKLYN, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	0.99	J	ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	**158**	Q	70-130
4-Bromofluorobenzene	**149**	Q	70-130
Dibromofluoromethane	109		70-130

Project Name: 805-825 ATLANTIC AVENUE
Lab Number: L2000410
Project Number: 170384501
Report Date: 01/08/20

SAMPLE RESULTS

Lab ID: L2000410-02
Client ID: TB03_010620
Sample Location: BROOKLYN, NY

Date Collected: 01/06/20 00:00
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 01/07/20 17:47
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L2000410

Project Number: 170384501 **Report Date:** 01/08/20

SAMPLE RESULTS

Lab ID: L2000410-02 Date Collected: 01/06/20 00:00

Client ID: TB03_010620 Date Received: 01/06/20

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L2000410

Project Number: 170384501 **Report Date:** 01/08/20

SAMPLE RESULTS

Lab ID: L2000410-02 Date Collected: 01/06/20 00:00

Client ID: TB03_010620 Date Received: 01/06/20

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	95		70-130

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L2000410

Project Number: 170384501 **Report Date:** 01/08/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/07/20 16:57
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1327905-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L2000410

Project Number: 170384501 **Report Date:** 01/08/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/07/20 16:57
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1327905-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L2000410

Project Number: 170384501 **Report Date:** 01/08/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/07/20 16:57
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1327905-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	94		70-130

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L2000410

Project Number: 170384501 **Report Date:** 01/08/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/08/20 08:33
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1327927-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L2000410

Project Number: 170384501 **Report Date:** 01/08/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/08/20 08:33
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1327927-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501
Lab Number: L2000410
Report Date: 01/08/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/08/20 08:33
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1327927-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	94		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L2000410
Report Date: 01/08/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1327905-3 WG1327905-4								
Methylene chloride	96		97		70-130	1		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	100		99		63-132	1		20
1,2-Dichloropropane	100		110		70-130	10		20
Dibromochloromethane	110		110		63-130	0		20
1,1,2-Trichloroethane	110		110		70-130	0		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	100		110		75-130	10		20
Trichlorofluoromethane	95		95		62-150	0		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	110		100		70-130	10		20
cis-1,3-Dichloropropene	100		100		70-130	0		20
1,1-Dichloropropene	100		100		70-130	0		20
Bromoform	120		110		54-136	9		20
1,1,2,2-Tetrachloroethane	110		110		67-130	0		20
Benzene	100		100		70-130	0		20
Toluene	110		100		70-130	10		20
Ethylbenzene	110		110		70-130	0		20
Chloromethane	84		81		64-130	4		20
Bromomethane	54		54		39-139	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE

Project Number: 170384501

Lab Number: L2000410

Report Date: 01/08/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1327905-3 WG1327905-4								
Vinyl chloride	110		100		55-140	10		20
Chloroethane	110		100		55-138	10		20
1,1-Dichloroethene	98		93		61-145	5		20
trans-1,2-Dichloroethene	99		99		70-130	0		20
Trichloroethene	99		98		70-130	1		20
1,2-Dichlorobenzene	110		100		70-130	10		20
1,3-Dichlorobenzene	110		100		70-130	10		20
1,4-Dichlorobenzene	110		100		70-130	10		20
Methyl tert butyl ether	100		100		63-130	0		20
p/m-Xylene	110		110		70-130	0		20
o-Xylene	110		110		70-130	0		20
cis-1,2-Dichloroethene	100		97		70-130	3		20
Dibromomethane	100		100		70-130	0		20
1,2,3-Trichloropropane	120		120		64-130	0		20
Acrylonitrile	130		120		70-130	8		20
Styrene	105		110		70-130	5		20
Dichlorodifluoromethane	70		69		36-147	1		20
Acetone	110		110		58-148	0		20
Carbon disulfide	99		96		51-130	3		20
2-Butanone	120		120		63-138	0		20
Vinyl acetate	120		120		70-130	0		20
4-Methyl-2-pentanone	120		120		59-130	0		20
2-Hexanone	110		110		57-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L2000410
Report Date: 01/08/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1327905-3 WG1327905-4								
Bromochloromethane	100		99		70-130	1		20
2,2-Dichloropropane	100		100		63-133	0		20
1,2-Dibromoethane	110		110		70-130	0		20
1,3-Dichloropropane	110		110		70-130	0		20
1,1,1,2-Tetrachloroethane	100		100		64-130	0		20
Bromobenzene	100		100		70-130	0		20
n-Butylbenzene	110		110		53-136	0		20
sec-Butylbenzene	110		110		70-130	0		20
tert-Butylbenzene	110		100		70-130	10		20
o-Chlorotoluene	100		100		70-130	0		20
p-Chlorotoluene	110		100		70-130	10		20
1,2-Dibromo-3-chloropropane	120		110		41-144	9		20
Hexachlorobutadiene	110		110		63-130	0		20
Isopropylbenzene	110		100		70-130	10		20
p-Isopropyltoluene	110		110		70-130	0		20
Naphthalene	110		110		70-130	0		20
n-Propylbenzene	110		100		69-130	10		20
1,2,3-Trichlorobenzene	110		110		70-130	0		20
1,2,4-Trichlorobenzene	110		110		70-130	0		20
1,3,5-Trimethylbenzene	110		100		64-130	10		20
1,2,4-Trimethylbenzene	110		110		70-130	0		20
1,4-Dioxane	96		96		56-162	0		20
p-Diethylbenzene	110		110		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE

Project Number: 170384501

Lab Number: L2000410

Report Date: 01/08/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1327905-3 WG1327905-4								
p-Ethyltoluene	110		100		70-130	10		20
1,2,4,5-Tetramethylbenzene	100		100		70-130	0		20
Ethyl ether	100		100		59-134	0		20
trans-1,4-Dichloro-2-butene	110		110		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		107		70-130
Toluene-d8	96		97		70-130
4-Bromofluorobenzene	95		91		70-130
Dibromofluoromethane	95		96		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L2000410
Report Date: 01/08/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1327927-3 WG1327927-4								
Methylene chloride	88		88		70-130	0		20
1,1-Dichloroethane	89		86		70-130	3		20
Chloroform	90		87		70-130	3		20
Carbon tetrachloride	80		76		63-132	5		20
1,2-Dichloropropane	88		87		70-130	1		20
Dibromochloromethane	82		80		63-130	2		20
1,1,2-Trichloroethane	94		95		70-130	1		20
Tetrachloroethene	92		87		70-130	6		20
Chlorobenzene	94		90		75-130	4		20
Trichlorofluoromethane	84		78		62-150	7		20
1,2-Dichloroethane	86		85		70-130	1		20
1,1,1-Trichloroethane	89		84		67-130	6		20
Bromodichloromethane	79		76		67-130	4		20
trans-1,3-Dichloropropene	81		81		70-130	0		20
cis-1,3-Dichloropropene	80		80		70-130	0		20
1,1-Dichloropropene	87		83		70-130	5		20
Bromoform	81		83		54-136	2		20
1,1,2,2-Tetrachloroethane	94		95		67-130	1		20
Benzene	92		88		70-130	4		20
Toluene	94		89		70-130	5		20
Ethylbenzene	94		91		70-130	3		20
Chloromethane	93		86		64-130	8		20
Bromomethane	89		90		39-139	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L2000410
Report Date: 01/08/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1327927-3 WG1327927-4								
Vinyl chloride	82		77		55-140	6		20
Chloroethane	83		78		55-138	6		20
1,1-Dichloroethene	87		82		61-145	6		20
trans-1,2-Dichloroethene	91		86		70-130	6		20
Trichloroethene	85		82		70-130	4		20
1,2-Dichlorobenzene	95		93		70-130	2		20
1,3-Dichlorobenzene	95		92		70-130	3		20
1,4-Dichlorobenzene	94		93		70-130	1		20
Methyl tert butyl ether	86		87		63-130	1		20
p/m-Xylene	95		95		70-130	0		20
o-Xylene	100		95		70-130	5		20
cis-1,2-Dichloroethene	92		87		70-130	6		20
Dibromomethane	88		88		70-130	0		20
1,2,3-Trichloropropane	95		97		64-130	2		20
Acrylonitrile	80		85		70-130	6		20
Styrene	100		95		70-130	5		20
Dichlorodifluoromethane	71		68		36-147	4		20
Acetone	90		95		58-148	5		20
Carbon disulfide	76		72		51-130	5		20
2-Butanone	91		100		63-138	9		20
Vinyl acetate	81		85		70-130	5		20
4-Methyl-2-pentanone	79		85		59-130	7		20
2-Hexanone	75		80		57-130	6		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L2000410
Report Date: 01/08/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1327927-3 WG1327927-4								
Bromochloromethane	95		94		70-130	1		20
2,2-Dichloropropane	100		100		63-133	0		20
1,2-Dibromoethane	92		94		70-130	2		20
1,3-Dichloropropane	92		93		70-130	1		20
1,1,1,2-Tetrachloroethane	93		92		64-130	1		20
Bromobenzene	94		92		70-130	2		20
n-Butylbenzene	96		94		53-136	2		20
sec-Butylbenzene	96		91		70-130	5		20
tert-Butylbenzene	95		91		70-130	4		20
o-Chlorotoluene	95		91		70-130	4		20
p-Chlorotoluene	98		95		70-130	3		20
1,2-Dibromo-3-chloropropane	76		82		41-144	8		20
Hexachlorobutadiene	93		91		63-130	2		20
Isopropylbenzene	96		92		70-130	4		20
p-Isopropyltoluene	97		94		70-130	3		20
Naphthalene	95		100		70-130	5		20
n-Propylbenzene	98		94		69-130	4		20
1,2,3-Trichlorobenzene	95		98		70-130	3		20
1,2,4-Trichlorobenzene	94		95		70-130	1		20
1,3,5-Trimethylbenzene	98		94		64-130	4		20
1,2,4-Trimethylbenzene	98		94		70-130	4		20
1,4-Dioxane	74		84		56-162	13		20
p-Diethylbenzene	96		92		70-130	4		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L2000410
Report Date: 01/08/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1327927-3 WG1327927-4								
p-Ethyltoluene	97		94		70-130	3		20
1,2,4,5-Tetramethylbenzene	94		93		70-130	1		20
Ethyl ether	81		81		59-134	0		20
trans-1,4-Dichloro-2-butene	82		87		70-130	6		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		100		70-130
Toluene-d8	103		102		70-130
4-Bromofluorobenzene	97		98		70-130
Dibromofluoromethane	100		100		70-130

METALS

Project Name: 805-825 ATLANTIC AVENUE
Lab Number: L2000410
Project Number: 170384501
Report Date: 01/08/20

SAMPLE RESULTS

Lab ID: L2000410-01
Client ID: IP-05_010620
Sample Location: BROOKLYN, NY
Date Collected: 01/06/20 09:00
Date Received: 01/06/20
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Iron, Total	0.721		mg/l	0.100	0.0191	1	01/07/20 17:26	01/08/20 01:32	EPA 3005A	1,6020B	AM
Manganese, Total	0.07044		mg/l	0.00100	0.00044	1	01/07/20 17:26	01/08/20 01:32	EPA 3005A	1,6020B	AM
Dissolved Metals - Mansfield Lab											
Iron, Dissolved	0.0381	J	mg/l	0.100	0.0191	1	01/07/20 17:26	01/08/20 00:37	EPA 3005A	1,6020B	AM
Manganese, Dissolved	0.02570		mg/l	0.00100	0.00044	1	01/07/20 17:26	01/08/20 00:37	EPA 3005A	1,6020B	AM

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501
Lab Number: L2000410
Report Date: 01/08/20

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1327691-1										
Iron, Total	0.0358	J	mg/l	0.100	0.0191	1	01/07/20 17:26	01/08/20 00:13	1,6020B	AM
Manganese, Total	ND		mg/l	0.00100	0.00044	1	01/07/20 17:26	01/08/20 00:13	1,6020B	AM

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01 Batch: WG1327694-1										
Iron, Dissolved	0.0358	J	mg/l	0.100	0.0191	1	01/07/20 17:26	01/08/20 00:13	1,6020B	AM
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	01/07/20 17:26	01/08/20 00:13	1,6020B	AM

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE

Project Number: 170384501

Lab Number: L2000410

Report Date: 01/08/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1327691-2								
Iron, Total	86		-		80-120	-		
Manganese, Total	111		-		80-120	-		
Dissolved Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1327694-2								
Iron, Dissolved	**164**	Q	-		80-120	-		
Manganese, Dissolved	112		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L2000410
Report Date: 01/08/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1327691-3 QC Sample: L2000410-01 Client ID: IP-05_010620												
Iron, Total	0.721	1	1.99	**127**	Q	-	-		75-125	-		20
Manganese, Total	0.07044	0.5	0.6406	114		-	-		75-125	-		20
Dissolved Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1327694-3 QC Sample: L2000410-01 Client ID: IP-05_010620												
Iron, Dissolved	0.0381J	1	1.32	**132**	Q	-	-		75-125	-		20
Manganese, Dissolved	0.02570	0.5	0.5637	108		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE

Project Number: 170384501

Lab Number: L2000410

Report Date: 01/08/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1327691-4 QC Sample: L2000410-01 Client ID: IP-05_010620						
Iron, Total	0.721	0.684	mg/l	5		20
Manganese, Total	0.07044	0.07171	mg/l	2		20
Dissolved Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1327694-4 QC Sample: L2000410-01 Client ID: IP-05_010620						
Iron, Dissolved	0.0381J	0.0552J	mg/l	NC		20
Manganese, Dissolved	0.02570	0.02554	mg/l	1		20

INORGANICS
&
MISCELLANEOUS

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L2000410
Report Date: 01/08/20

SAMPLE RESULTS

Lab ID: L2000410-01
Client ID: IP-05_010620
Sample Location: BROOKLYN, NY

Date Collected: 01/06/20 09:00
Date Received: 01/06/20
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Nitrogen, Nitrate	17.2		mg/l	0.500	0.164	5	-	01/08/20 06:37	121,4500NO3-F	MR
Sulfide	ND		mg/l	0.10	0.10	1	01/08/20 04:00	01/08/20 05:51	121,4500S2-AD	CW
Sulfate	150		mg/l	50	6.8	5	01/07/20 20:40	01/07/20 21:10	1,9038	DP

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501
Lab Number: L2000410
Report Date: 01/08/20

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1327739-1										
Sulfate	1.7	J	mg/l	10	1.4	1	01/07/20 20:40	01/07/20 21:10	1,9038	DP
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1327796-1										
Nitrogen, Nitrate	ND		mg/l	0.100	0.032	1	-	01/08/20 06:55	121,4500NO3-F	MR
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1327799-1										
Sulfide	ND		mg/l	0.10	0.10	1	01/08/20 04:00	01/08/20 05:51	121,4500S2-AD	CW

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE

Project Number: 170384501

Lab Number: L2000410

Report Date: 01/08/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1327739-2								
Sulfate	95		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1327796-2								
Nitrogen, Nitrate	105		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1327799-2								
Sulfide	88		-		75-125	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L2000410
Report Date: 01/08/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1327739-3 QC Sample: L2000446-01 Client ID: MS Sample												
Sulfate	43.	50	94	102		-	-		55-147	-		14
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1327796-4 QC Sample: L2000596-10 Client ID: MS Sample												
Nitrogen, Nitrate	0.066J	4	3.94	98		-	-		83-113	-		17

Lab Duplicate Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE

Project Number: 170384501

Lab Number: L2000410

Report Date: 01/08/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1327739-4 QC Sample: L2000446-01 Client ID: DUP Sample						
Sulfate	43.	40	mg/l	7		14
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1327796-3 QC Sample: L2000596-10 Client ID: DUP Sample						
Nitrogen, Nitrate	0.066J	0.040J	mg/l	NC		17
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1327799-3 QC Sample: L2000410-01 Client ID: IP-05_010620						
Sulfide	ND	ND	mg/l	NC		20

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L2000410
Report Date: 01/08/20

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2000410-01A	Vial HCl preserved	A	NA		4.6	Y	Absent		NYTCL-8260(14)
L2000410-01B	Vial HCl preserved	A	NA		4.6	Y	Absent		NYTCL-8260(14)
L2000410-01C	Vial HCl preserved	A	NA		4.6	Y	Absent		NYTCL-8260(14)
L2000410-01D	Plastic 250ml unpreserved	A	7	7	4.6	Y	Absent		SO4-9038(28),NO3-4500(2)
L2000410-01E	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	4.6	Y	Absent		SULFIDE-4500(7)
L2000410-01F	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	4.6	Y	Absent		SULFIDE-4500(7)
L2000410-01G	Plastic 250ml HNO3 preserved	A	<2	<2	4.6	Y	Absent		MN-6020S(180),FE-6020S(180)
L2000410-01H	Plastic 250ml HNO3 preserved	A	<2	<2	4.6	Y	Absent		FE-6020T(180),MN-6020T(180)
L2000410-02A	Vial HCl preserved	A	NA		4.6	Y	Absent		NYTCL-8260(14)
L2000410-02B	Vial HCl preserved	A	NA		4.6	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	805-825 ATLANTIC AVENUE	**Lab Number:**	L2000410
Project Number:	170384501	**Report Date:**	01/08/20

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: DU Report with 'J' Qualifiers

Project Name:	805-825 ATLANTIC AVENUE	**Lab Number:**	L2000410
Project Number:	170384501	**Report Date:**	01/08/20

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration

Report Format: DU Report with 'J' Qualifiers

Project Name:	805-825 ATLANTIC AVENUE	**Lab Number:**	L2000410
Project Number:	170384501	**Report Date:**	01/08/20

Data Qualifiers

Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers

Project Name:	805-825 ATLANTIC AVENUE	**Lab Number:**	L2000410
Project Number:	170384501	**Report Date:**	01/08/20

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 1/7/20

ALPHA Job #: L2000410

Client Information
Client: LANGAN
Address: 360 W 31ST ST 8th Floor, NY
Phone: 212 479 5400
Fax: 212 479 5499
Email: KDELCOL@LANGAN.COM

Project Information
Project Name: 805-825 ATLANTIC AVENUE
Project Location: BROOKLYN, NY
Project # 170384501
(Use Project name as Project #) ☐
Project Manager: KIM DEL COL / COLIN ANDERSON
ALPHAQuote #:

Turn-Around Time
Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☐ Same as Client Info
PO #

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use ☑ TAL/TCL
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
PLEASE CC ATTAMANAGEMENT@LANGAN.COM

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TAL/TCL VOCs	TOTAL AWS DISSOLVED Fe	TOTAL AWS DISSOLVED Mn	SULFATE	SULFIDE	NITRATE			Total Bottle	Sample Specific Comments
00410-01	IP-05-010620	01/06/20	9:00	GW	TH	X	X	X	X	X	X				
02	TB03-010620		9:01	AQ		X									

Container Type
Preservative

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
TOM MOUTI	01/06/20 13:02	[illegible]	1/6/2020 13:02
[illegible]	1/6/20 2000	[illegible]	1/7/20 01:00

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2002569
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Kimberly Semon
Phone:	(212) 479-5486
Project Name:	805-825 ATLANTIC AVENUE
Project Number:	170384501
Report Date:	01/24/20

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L2002569
Report Date: 01/24/20

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2002569-01	MW-112_011720	WATER	BROOKLYN, NEW YORK	01/17/20 13:00	01/17/20
L2002569-02	TB04_011720	WATER	BROOKLYN, NEW YORK	01/17/20 00:00	01/17/20

Project Name:	805-825 ATLANTIC AVENUE	**Lab Number:**	L2002569
Project Number:	170384501	**Report Date:**	01/24/20

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	805-825 ATLANTIC AVENUE	**Lab Number:**	L2002569
Project Number:	170384501	**Report Date:**	01/24/20

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

The samples were field filtered for Dissolved Metals.

Total Metals

L2002569-01: The sample has elevated detection limits for all elements due to the dilution required by the high concentrations of target and non-target elements.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Michelle M. Morris

Title: Technical Director/Representative Date: 01/24/20

ORGANICS

VOLATILES

Project Name: 805-825 ATLANTIC AVENUE
Lab Number: L2002569
Project Number: 170384501
Report Date: 01/24/20

SAMPLE RESULTS

Lab ID: L2002569-01
Client ID: MW-112_011720
Sample Location: BROOKLYN, NEW YORK

Date Collected: 01/17/20 13:00
Date Received: 01/17/20
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 01/21/20 09:08
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	0.78	J	ug/l	2.5	0.70	1
Ethylbenzene	7.2		ug/l	2.5	0.70	1
Chloromethane	2.1	J	ug/l	2.5	0.70	1
Bromomethane	7.2		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L2002569

Project Number: 170384501 **Report Date:** 01/24/20

SAMPLE RESULTS

Lab ID: L2002569-01 Date Collected: 01/17/20 13:00

Client ID: MW-112_011720 Date Received: 01/17/20

Sample Location: BROOKLYN, NEW YORK Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	70		ug/l	2.5	0.70	1
o-Xylene	41		ug/l	2.5	0.70	1
Xylenes, Total	110		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.6	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	1.8	J	ug/l	2.5	0.70	1
sec-Butylbenzene	1.1	J	ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	1.5	J	ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	5.9		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L2002569

Project Number: 170384501 **Report Date:** 01/24/20

SAMPLE RESULTS

Lab ID: L2002569-01 Date Collected: 01/17/20 13:00

Client ID: MW-112_011720 Date Received: 01/17/20

Sample Location: BROOKLYN, NEW YORK Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	4.3		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	16		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	65		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	13		ug/l	2.0	0.70	1
p-Ethyltoluene	37		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	5.5		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	96		70-130

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L2002569

Project Number: 170384501 **Report Date:** 01/24/20

SAMPLE RESULTS

Lab ID: L2002569-02
Client ID: TB04_011720
Sample Location: BROOKLYN, NEW YORK

Date Collected: 01/17/20 00:00
Date Received: 01/17/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 01/21/20 08:45
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L2002569

Project Number: 170384501 **Report Date:** 01/24/20

SAMPLE RESULTS

Lab ID: L2002569-02 Date Collected: 01/17/20 00:00

Client ID: TB04_011720 Date Received: 01/17/20

Sample Location: BROOKLYN, NEW YORK Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L2002569

Project Number: 170384501 **Report Date:** 01/24/20

SAMPLE RESULTS

Lab ID: L2002569-02 Date Collected: 01/17/20 00:00

Client ID: TB04_011720 Date Received: 01/17/20

Sample Location: BROOKLYN, NEW YORK Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	95		70-130

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L2002569

Project Number: 170384501 **Report Date:** 01/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/21/20 08:22
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1332229-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501
Lab Number: L2002569
Report Date: 01/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/21/20 08:22
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1332229-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L2002569

Project Number: 170384501 **Report Date:** 01/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/21/20 08:22
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1332229-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	95		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE

Project Number: 170384501

Lab Number: L2002569

Report Date: 01/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1332229-3 WG1332229-4								
Methylene chloride	88		90		70-130	2		20
1,1-Dichloroethane	87		89		70-130	2		20
Chloroform	85		85		70-130	0		20
Carbon tetrachloride	85		85		63-132	0		20
1,2-Dichloropropane	82		86		70-130	5		20
Dibromochloromethane	80		78		63-130	3		20
1,1,2-Trichloroethane	87		87		70-130	0		20
Tetrachloroethene	92		93		70-130	1		20
Chlorobenzene	89		90		75-130	1		20
Trichlorofluoromethane	100		110		62-150	10		20
1,2-Dichloroethane	79		80		70-130	1		20
1,1,1-Trichloroethane	88		90		67-130	2		20
Bromodichloromethane	72		75		67-130	4		20
trans-1,3-Dichloropropene	75		75		70-130	0		20
cis-1,3-Dichloropropene	77		77		70-130	0		20
1,1-Dichloropropene	87		88		70-130	1		20
Bromoform	77		78		54-136	1		20
1,1,2,2-Tetrachloroethane	88		88		67-130	0		20
Benzene	89		92		70-130	3		20
Toluene	88		91		70-130	3		20
Ethylbenzene	90		91		70-130	1		20
Chloromethane	120		120		64-130	0		20
Bromomethane	120		120		39-139	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE

Project Number: 170384501

Lab Number: L2002569

Report Date: 01/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1332229-3 WG1332229-4								
Vinyl chloride	110		110		55-140	0		20
Chloroethane	94		95		55-138	1		20
1,1-Dichloroethene	96		100		61-145	4		20
trans-1,2-Dichloroethene	90		93		70-130	3		20
Trichloroethene	83		85		70-130	2		20
1,2-Dichlorobenzene	89		92		70-130	3		20
1,3-Dichlorobenzene	89		93		70-130	4		20
1,4-Dichlorobenzene	89		92		70-130	3		20
Methyl tert butyl ether	85		83		63-130	2		20
p/m-Xylene	95		95		70-130	0		20
o-Xylene	90		95		70-130	5		20
cis-1,2-Dichloroethene	88		88		70-130	0		20
Dibromomethane	82		84		70-130	2		20
1,2,3-Trichloropropane	84		88		64-130	5		20
Acrylonitrile	80		74		70-130	8		20
Styrene	90		95		70-130	5		20
Dichlorodifluoromethane	140		140		36-147	0		20
Acetone	76		70		58-148	8		20
Carbon disulfide	88		92		51-130	4		20
2-Butanone	89		83		63-138	7		20
Vinyl acetate	81		78		70-130	4		20
4-Methyl-2-pentanone	73		72		59-130	1		20
2-Hexanone	68		66		57-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE

Project Number: 170384501

Lab Number: L2002569

Report Date: 01/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1332229-3 WG1332229-4								
Bromochloromethane	94		96		70-130	2		20
2,2-Dichloropropane	110		110		63-133	0		20
1,2-Dibromoethane	85		85		70-130	0		20
1,3-Dichloropropane	85		85		70-130	0		20
1,1,1,2-Tetrachloroethane	88		87		64-130	1		20
Bromobenzene	89		92		70-130	3		20
n-Butylbenzene	94		97		53-136	3		20
sec-Butylbenzene	92		94		70-130	2		20
tert-Butylbenzene	92		93		70-130	1		20
o-Chlorotoluene	88		91		70-130	3		20
p-Chlorotoluene	89		95		70-130	7		20
1,2-Dibromo-3-chloropropane	78		77		41-144	1		20
Hexachlorobutadiene	88		90		63-130	2		20
Isopropylbenzene	93		96		70-130	3		20
p-Isopropyltoluene	94		96		70-130	2		20
Naphthalene	93		90		70-130	3		20
n-Propylbenzene	94		97		69-130	3		20
1,2,3-Trichlorobenzene	90		91		70-130	1		20
1,2,4-Trichlorobenzene	89		90		70-130	1		20
1,3,5-Trimethylbenzene	92		95		64-130	3		20
1,2,4-Trimethylbenzene	92		94		70-130	2		20
1,4-Dioxane	98		86		56-162	13		20
p-Diethylbenzene	91		93		70-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE

Project Number: 170384501

Lab Number: L2002569

Report Date: 01/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1332229-3 WG1332229-4								
p-Ethyltoluene	91		95		70-130	4		20
1,2,4,5-Tetramethylbenzene	87		89		70-130	2		20
Ethyl ether	81		82		59-134	1		20
trans-1,4-Dichloro-2-butene	76		75		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		96		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	95		98		70-130
Dibromofluoromethane	100		99		70-130

METALS

Project Name: 805-825 ATLANTIC AVENUE
Lab Number: L2002569
Project Number: 170384501
Report Date: 01/24/20

SAMPLE RESULTS

Lab ID: L2002569-01
Client ID: MW-112_011720
Sample Location: BROOKLYN, NEW YORK
Date Collected: 01/17/20 13:00
Date Received: 01/17/20
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Iron, Total	0.238	J	mg/l	0.500	0.191	10	01/20/20 21:01	01/21/20 19:29	EPA 3005A	1,6020B	AM
Manganese, Total	0.4092		mg/l	0.01000	0.00440	10	01/20/20 21:01	01/21/20 19:29	EPA 3005A	1,6020B	AM
Dissolved Metals - Mansfield Lab											
Iron, Dissolved	0.0269	J	mg/l	0.0500	0.0191	1	01/21/20 16:36	01/21/20 23:25	EPA 3005A	1,6020B	AM
Manganese, Dissolved	0.3855		mg/l	0.00100	0.00044	1	01/21/20 16:36	01/21/20 23:25	EPA 3005A	1,6020B	AM

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501
Lab Number: L2002569
Report Date: 01/24/20

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1332012-1										
Iron, Total	0.0199	J	mg/l	0.0500	0.0191	1	01/20/20 21:01	01/21/20 19:20	1,6020B	AM
Manganese, Total	ND		mg/l	0.00100	0.00044	1	01/20/20 21:01	01/21/20 19:20	1,6020B	AM

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01 Batch: WG1332375-1										
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	01/21/20 16:36	01/21/20 23:02	1,6020B	AM
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	01/21/20 16:36	01/21/20 23:02	1,6020B	AM

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE

Project Number: 170384501

Lab Number: L2002569

Report Date: 01/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1332012-2								
Iron, Total	105		-		80-120	-		
Manganese, Total	93		-		80-120	-		
Dissolved Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1332375-2								
Iron, Dissolved	112		-		80-120	-		
Manganese, Dissolved	101		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L2002569
Report Date: 01/24/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1332012-3 QC Sample: L2002562-01 Client ID: MS Sample												
Iron, Total	186.	1	210	**2400**	Q	-	-		75-125	-		20
Manganese, Total	15.38	0.5	16.17	**158**	Q	-	-		75-125	-		20
Dissolved Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1332375-3 QC Sample: L2002569-01 Client ID: MW-112_011720												
Iron, Dissolved	0.0269J	1	1.16	116		-	-		75-125	-		20
Manganese, Dissolved	0.3855	0.5	0.9191	107		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE

Project Number: 170384501

Lab Number: L2002569

Report Date: 01/24/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1332012-4 QC Sample: L2002562-01 Client ID: DUP Sample						
Manganese, Total	15.38	15.67	mg/l	2		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1332012-4 QC Sample: L2002562-01 Client ID: DUP Sample						
Iron, Total	186.	193	mg/l	4		20
Dissolved Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1332375-4 QC Sample: L2002569-01 Client ID: MW-112_011720						
Iron, Dissolved	0.0269J	0.0555	mg/l	NC		20
Manganese, Dissolved	0.3855	0.3832	mg/l	1		20

INORGANICS
&
MISCELLANEOUS

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501
Lab Number: L2002569
Report Date: 01/24/20

SAMPLE RESULTS

Lab ID: L2002569-01
Client ID: MW-112_011720
Sample Location: BROOKLYN, NEW YORK
Sample Depth:
Matrix: Water

Date Collected: 01/17/20 13:00
Date Received: 01/17/20
Field Prep: Refer to COC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Nitrogen, Nitrate	22.2		mg/l	1.00	0.328	10	-	01/18/20 10:17	121,4500NO3-F	MR
Sulfide	ND		mg/l	0.10	0.10	1	01/22/20 23:35	01/23/20 03:21	121,4500S2-D	CW
Sulfate	230		mg/l	100	14.	10	01/23/20 16:37	01/23/20 16:37	1,9038	BR

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501
Lab Number: L2002569
Report Date: 01/24/20

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1331509-1										
Nitrogen, Nitrate	ND		mg/l	0.100	0.032	1	-	01/18/20 06:42	121,4500NO3-F	MR
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1332874-1										
Sulfide	ND		mg/l	0.10	0.10	1	01/22/20 23:35	01/23/20 03:20	121,4500S2-D	CW
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1333221-1										
Sulfate	1.9	J	mg/l	10	1.4	1	01/23/20 16:37	01/23/20 16:37	1,9038	BR

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE

Project Number: 170384501

Lab Number: L2002569

Report Date: 01/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1331509-2								
Nitrogen, Nitrate	95		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1332874-2								
Sulfide	81		-		75-125	-		
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1333221-2								
Sulfate	90		-		90-110	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L2002569
Report Date: 01/24/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1331509-4 QC Sample: L2002598-01 Client ID: MS Sample												
Nitrogen, Nitrate	0.050J	4	4.35	109		-	-		83-113	-		17
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1332874-4 QC Sample: L2003110-01 Client ID: MS Sample												
Sulfide	ND	0.48	0.12	**25**	Q	-	-		70-130	-		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1333221-4 QC Sample: L2002598-01 Client ID: MS Sample												
Sulfate	21.	40	62	102		-	-		55-147	-		14

Lab Duplicate Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE

Project Number: 170384501

Lab Number: L2002569

Report Date: 01/24/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1331509-3 QC Sample: L2002598-01 Client ID: DUP Sample						
Nitrogen, Nitrate	0.050J	0.057J	mg/l	NC		17
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1332874-3 QC Sample: L2002687-01 Client ID: DUP Sample						
Sulfide	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1333221-3 QC Sample: L2002598-01 Client ID: DUP Sample						
Sulfate	21.	22	mg/l	5		14

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L2002569
Report Date: 01/24/20

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2002569-01A	Vial HCl preserved	A	NA		2.9	Y	Absent		NYTCL-8260(14)
L2002569-01B	Vial HCl preserved	A	NA		2.9	Y	Absent		NYTCL-8260(14)
L2002569-01C	Vial HCl preserved	A	NA		2.9	Y	Absent		NYTCL-8260(14)
L2002569-01D	Plastic 250ml unpreserved	A	7	7	2.9	Y	Absent		SO4-9038(28),NO3-4500(2)
L2002569-01E	Plastic 250ml HNO3 preserved	A	<2	<2	2.9	Y	Absent		MN-6020S(180),FE-6020S(180)
L2002569-01F	Plastic 250ml HNO3 preserved	A	<2	<2	2.9	Y	Absent		FE-6020T(180),MN-6020T(180)
L2002569-01G	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	2.9	Y	Absent		SULFIDE-4500(7)
L2002569-01H	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	2.9	Y	Absent		SULFIDE-4500(7)
L2002569-02A	Vial HCl preserved	A	NA		2.9	Y	Absent		NYTCL-8260(14)
L2002569-02B	Vial HCl preserved	A	NA		2.9	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	805-825 ATLANTIC AVENUE	**Lab Number:**	L2002569
Project Number:	170384501	**Report Date:**	01/24/20

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: DU Report with 'J' Qualifiers

Project Name:	805-825 ATLANTIC AVENUE	**Lab Number:**	L2002569
Project Number:	170384501	**Report Date:**	01/24/20

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration

Report Format: DU Report with 'J' Qualifiers

Project Name:	805-825 ATLANTIC AVENUE	**Lab Number:**	L2002569
Project Number:	170384501	**Report Date:**	01/24/20

Data Qualifiers

Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers

Project Name:	805-825 ATLANTIC AVENUE	**Lab Number:**	L2002569
Project Number:	170384501	**Report Date:**	01/24/20

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 01/17/20

ALPHA Job #: L2002569

Client Information

Client: LANGAN
Address: 300 W 31ST ST 6TH FLOOR, NY
Phone: 212 479 5400
Fax: 212 479 5499
Email: tsalcedo@langan.com

Project Information

Project Name: 805-825 ATLANTIC AVENUE
Project Location: BROOKLYN, NEW YORK
Project #: 170 384 501
(Use Project name as Project #): ☐
Project Manager: KIM NEL COL / colin Anderson
ALPHAQuote #:

Turn-Around Time

Standard: ☑ Due Date:
Rush (only if pre approved): ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☑ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use ☑ TAL/TCL
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
PLEASE CC DATAMANAGEMENT@LANGAN.COM

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TAL/TCL VOCs	TOTAL MN + FE DISSOLVED	TOTAL MN + FE DISSOLVED	SULFATE	SULFIDE	Nitrate-N			Sample Specific Comments	Total Bottle
02569-01	MW-112-011720	1/17/20	13:00	GW	TM	X	X	X	X	X	X				
-02	TB04-011720		13:01	AQ		X									

Container Type
Preservative

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
TOMAS MONTI	1515 01720	[illegible] (AAL)	1/17/20 15:30
[illegible] (AAL)	1/17/20 19:30	[illegible] AAL	1/17/20 19:45
[illegible] AAL	1/18/20 00:15	[illegible]	1/17/20 23:45

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2002687
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Kimberly Semon
Phone:	(212) 479-5486
Project Name:	805-825 ATLANTIC AVENUE
Project Number:	170384501
Report Date:	01/24/20

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L2002687
Report Date: 01/24/20

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2002687-01	MW-202_012020	WATER	BROOKLYN, NEW YORK	01/20/20 10:00	01/20/20
L2002687-02	TB05_012020	WATER	BROOKLYN, NEW YORK	01/20/20 00:00	01/20/20

Project Name:	805-825 ATLANTIC AVENUE	**Lab Number:**	L2002687
Project Number:	170384501	**Report Date:**	01/24/20

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	805-825 ATLANTIC AVENUE	**Lab Number:**	L2002687
Project Number:	170384501	**Report Date:**	01/24/20

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 01/24/20

ORGANICS

VOLATILES

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L2002687

Project Number: 170384501 **Report Date:** 01/24/20

SAMPLE RESULTS

Lab ID: L2002687-01 D
Client ID: MW-202_012020
Sample Location: BROOKLYN, NEW YORK

Date Collected: 01/20/20 10:00
Date Received: 01/20/20
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 01/21/20 11:58
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	25	7.0	10
1,1-Dichloroethane	ND		ug/l	25	7.0	10
Chloroform	ND		ug/l	25	7.0	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
1,2-Dichloropropane	ND		ug/l	10	1.4	10
Dibromochloromethane	ND		ug/l	5.0	1.5	10
1,1,2-Trichloroethane	ND		ug/l	15	5.0	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	25	7.0	10
Trichlorofluoromethane	ND		ug/l	25	7.0	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
1,1,1-Trichloroethane	ND		ug/l	25	7.0	10
Bromodichloromethane	ND		ug/l	5.0	1.9	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	1.6	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	1.4	10
1,3-Dichloropropene, Total	ND		ug/l	5.0	1.4	10
1,1-Dichloropropene	ND		ug/l	25	7.0	10
Bromoform	ND		ug/l	20	6.5	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	1.7	10
Benzene	ND		ug/l	5.0	1.6	10
Toluene	ND		ug/l	25	7.0	10
Ethylbenzene	ND		ug/l	25	7.0	10
Chloromethane	ND		ug/l	25	7.0	10
Bromomethane	ND		ug/l	25	7.0	10
Vinyl chloride	ND		ug/l	10	0.71	10
Chloroethane	ND		ug/l	25	7.0	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
trans-1,2-Dichloroethene	ND		ug/l	25	7.0	10

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L2002687

Project Number: 170384501 **Report Date:** 01/24/20

SAMPLE RESULTS

Lab ID: L2002687-01 D
Client ID: MW-202_012020
Sample Location: BROOKLYN, NEW YORK

Date Collected: 01/20/20 10:00
Date Received: 01/20/20
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	5.0	1.8	10
1,2-Dichlorobenzene	ND		ug/l	25	7.0	10
1,3-Dichlorobenzene	ND		ug/l	25	7.0	10
1,4-Dichlorobenzene	ND		ug/l	25	7.0	10
Methyl tert butyl ether	ND		ug/l	25	7.0	10
p/m-Xylene	ND		ug/l	25	7.0	10
o-Xylene	ND		ug/l	25	7.0	10
Xylenes, Total	ND		ug/l	25	7.0	10
cis-1,2-Dichloroethene	ND		ug/l	25	7.0	10
1,2-Dichloroethene, Total	ND		ug/l	25	7.0	10
Dibromomethane	ND		ug/l	50	10.	10
1,2,3-Trichloropropane	ND		ug/l	25	7.0	10
Acrylonitrile	ND		ug/l	50	15.	10
Styrene	ND		ug/l	25	7.0	10
Dichlorodifluoromethane	ND		ug/l	50	10.	10
Acetone	990		ug/l	50	15.	10
Carbon disulfide	ND		ug/l	50	10.	10
2-Butanone	20	J	ug/l	50	19.	10
Vinyl acetate	ND		ug/l	50	10.	10
4-Methyl-2-pentanone	ND		ug/l	50	10.	10
2-Hexanone	ND		ug/l	50	10.	10
Bromochloromethane	ND		ug/l	25	7.0	10
2,2-Dichloropropane	ND		ug/l	25	7.0	10
1,2-Dibromoethane	ND		ug/l	20	6.5	10
1,3-Dichloropropane	ND		ug/l	25	7.0	10
1,1,1,2-Tetrachloroethane	ND		ug/l	25	7.0	10
Bromobenzene	ND		ug/l	25	7.0	10
n-Butylbenzene	ND		ug/l	25	7.0	10
sec-Butylbenzene	ND		ug/l	25	7.0	10
tert-Butylbenzene	ND		ug/l	25	7.0	10
o-Chlorotoluene	ND		ug/l	25	7.0	10
p-Chlorotoluene	ND		ug/l	25	7.0	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25	7.0	10
Hexachlorobutadiene	ND		ug/l	25	7.0	10
Isopropylbenzene	ND		ug/l	25	7.0	10
p-Isopropyltoluene	ND		ug/l	25	7.0	10
Naphthalene	ND		ug/l	25	7.0	10

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L2002687

Project Number: 170384501 **Report Date:** 01/24/20

SAMPLE RESULTS

Lab ID: L2002687-01 D
Client ID: MW-202_012020
Sample Location: BROOKLYN, NEW YORK

Date Collected: 01/20/20 10:00
Date Received: 01/20/20
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	25	7.0	10
1,2,3-Trichlorobenzene	ND		ug/l	25	7.0	10
1,2,4-Trichlorobenzene	ND		ug/l	25	7.0	10
1,3,5-Trimethylbenzene	ND		ug/l	25	7.0	10
1,2,4-Trimethylbenzene	ND		ug/l	25	7.0	10
1,4-Dioxane	ND		ug/l	2500	610	10
p-Diethylbenzene	ND		ug/l	20	7.0	10
p-Ethyltoluene	ND		ug/l	20	7.0	10
1,2,4,5-Tetramethylbenzene	ND		ug/l	20	5.4	10
Ethyl ether	ND		ug/l	25	7.0	10
trans-1,4-Dichloro-2-butene	ND		ug/l	25	7.0	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	96		70-130

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L2002687

Project Number: 170384501 **Report Date:** 01/24/20

SAMPLE RESULTS

Lab ID: L2002687-02
Client ID: TB05_012020
Sample Location: BROOKLYN, NEW YORK

Date Collected: 01/20/20 00:00
Date Received: 01/20/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 01/21/20 11:34
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L2002687

Project Number: 170384501 **Report Date:** 01/24/20

SAMPLE RESULTS

Lab ID: L2002687-02 Date Collected: 01/20/20 00:00

Client ID: TB05_012020 Date Received: 01/20/20

Sample Location: BROOKLYN, NEW YORK Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.8	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L2002687

Project Number: 170384501 **Report Date:** 01/24/20

SAMPLE RESULTS

Lab ID: L2002687-02 Date Collected: 01/20/20 00:00

Client ID: TB05_012020 Date Received: 01/20/20

Sample Location: BROOKLYN, NEW YORK Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	96		70-130

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L2002687

Project Number: 170384501 **Report Date:** 01/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/21/20 09:59
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1332266-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501
Lab Number: L2002687
Report Date: 01/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/21/20 09:59
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1332266-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	1.7	J	ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 805-825 ATLANTIC AVENUE **Lab Number:** L2002687

Project Number: 170384501 **Report Date:** 01/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/21/20 09:59
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1332266-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	95		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE

Project Number: 170384501

Lab Number: L2002687

Report Date: 01/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1332266-3 WG1332266-4								
Methylene chloride	86		88		70-130	2		20
1,1-Dichloroethane	87		88		70-130	1		20
Chloroform	86		92		70-130	7		20
Carbon tetrachloride	86		90		63-132	5		20
1,2-Dichloropropane	84		86		70-130	2		20
Dibromochloromethane	87		88		63-130	1		20
1,1,2-Trichloroethane	90		91		70-130	1		20
Tetrachloroethene	85		86		70-130	1		20
Chlorobenzene	84		86		75-130	2		20
Trichlorofluoromethane	97		98		62-150	1		20
1,2-Dichloroethane	87		87		70-130	0		20
1,1,1-Trichloroethane	86		88		67-130	2		20
Bromodichloromethane	85		89		67-130	5		20
trans-1,3-Dichloropropene	83		84		70-130	1		20
cis-1,3-Dichloropropene	83		85		70-130	2		20
1,1-Dichloropropene	83		84		70-130	1		20
Bromoform	92		92		54-136	0		20
1,1,2,2-Tetrachloroethane	90		89		67-130	1		20
Benzene	85		86		70-130	1		20
Toluene	82		85		70-130	4		20
Ethylbenzene	82		84		70-130	2		20
Chloromethane	100		100		64-130	0		20
Bromomethane	98		100		39-139	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE

Project Number: 170384501

Lab Number: L2002687

Report Date: 01/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1332266-3 WG1332266-4								
Vinyl chloride	100		100		55-140	0		20
Chloroethane	97		98		55-138	1		20
1,1-Dichloroethene	89		89		61-145	0		20
trans-1,2-Dichloroethene	86		87		70-130	1		20
Trichloroethene	86		88		70-130	2		20
1,2-Dichlorobenzene	85		86		70-130	1		20
1,3-Dichlorobenzene	83		85		70-130	2		20
1,4-Dichlorobenzene	84		86		70-130	2		20
Methyl tert butyl ether	96		97		63-130	1		20
p/m-Xylene	85		85		70-130	0		20
o-Xylene	85		85		70-130	0		20
cis-1,2-Dichloroethene	87		89		70-130	2		20
Dibromomethane	90		91		70-130	1		20
1,2,3-Trichloropropane	90		92		64-130	2		20
Acrylonitrile	88		88		70-130	0		20
Styrene	85		85		70-130	0		20
Dichlorodifluoromethane	110		120		36-147	9		20
Acetone	110		100		58-148	10		20
Carbon disulfide	85		87		51-130	2		20
2-Butanone	91		91		63-138	0		20
Vinyl acetate	86		85		70-130	1		20
4-Methyl-2-pentanone	96		94		59-130	2		20
2-Hexanone	93		90		57-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE

Project Number: 170384501

Lab Number: L2002687

Report Date: 01/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1332266-3 WG1332266-4								
Bromochloromethane	98		96		70-130	2		20
2,2-Dichloropropane	88		89		63-133	1		20
1,2-Dibromoethane	89		90		70-130	1		20
1,3-Dichloropropane	86		88		70-130	2		20
1,1,1,2-Tetrachloroethane	84		86		64-130	2		20
Bromobenzene	88		90		70-130	2		20
n-Butylbenzene	81		80		53-136	1		20
sec-Butylbenzene	82		83		70-130	1		20
tert-Butylbenzene	83		84		70-130	1		20
o-Chlorotoluene	82		84		70-130	2		20
p-Chlorotoluene	82		85		70-130	4		20
1,2-Dibromo-3-chloropropane	90		89		41-144	1		20
Hexachlorobutadiene	81		82		63-130	1		20
Isopropylbenzene	85		86		70-130	1		20
p-Isopropyltoluene	83		83		70-130	0		20
Naphthalene	81		82		70-130	1		20
n-Propylbenzene	84		85		69-130	1		20
1,2,3-Trichlorobenzene	81		80		70-130	1		20
1,2,4-Trichlorobenzene	82		84		70-130	2		20
1,3,5-Trimethylbenzene	83		85		64-130	2		20
1,2,4-Trimethylbenzene	84		85		70-130	1		20
1,4-Dioxane	120		122		56-162	2		20
p-Diethylbenzene	82		82		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE

Project Number: 170384501

Lab Number: L2002687

Report Date: 01/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1332266-3 WG1332266-4								
p-Ethyltoluene	83		84		70-130	1		20
1,2,4,5-Tetramethylbenzene	80		81		70-130	1		20
Ethyl ether	97		98		59-134	1		20
trans-1,4-Dichloro-2-butene	85		83		70-130	2		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		97		70-130
Toluene-d8	92		94		70-130
4-Bromofluorobenzene	95		95		70-130
Dibromofluoromethane	99		99		70-130

METALS

Project Name: 805-825 ATLANTIC AVENUE
Lab Number: L2002687
Project Number: 170384501
Report Date: 01/24/20

SAMPLE RESULTS

Lab ID: L2002687-01
Client ID: MW-202_012020
Sample Location: BROOKLYN, NEW YORK
Date Collected: 01/20/20 10:00
Date Received: 01/20/20
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Iron, Total	0.377		mg/l	0.0500	0.0191	1	01/21/20 11:31	01/21/20 21:44	EPA 3005A	1,6020B	AM
Manganese, Total	0.2692		mg/l	0.00100	0.00044	1	01/21/20 11:31	01/21/20 21:44	EPA 3005A	1,6020B	AM
Dissolved Metals - Mansfield Lab											
Iron, Dissolved	0.0357	J	mg/l	0.0500	0.0191	1	01/21/20 16:36	01/21/20 23:34	EPA 3005A	1,6020B	AM
Manganese, Dissolved	0.2460		mg/l	0.00100	0.00044	1	01/21/20 16:36	01/21/20 23:34	EPA 3005A	1,6020B	AM

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501
Lab Number: L2002687
Report Date: 01/24/20

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1332247-1										
Iron, Total	0.0238	J	mg/l	0.0500	0.0191	1	01/21/20 11:31	01/21/20 21:08	1,6020B	AM
Manganese, Total	ND		mg/l	0.00100	0.00044	1	01/21/20 11:31	01/21/20 21:08	1,6020B	AM

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01 Batch: WG1332375-1										
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	01/21/20 16:36	01/21/20 23:02	1,6020B	AM
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	01/21/20 16:36	01/21/20 23:02	1,6020B	AM

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE

Project Number: 170384501

Lab Number: L2002687

Report Date: 01/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1332247-2								
Iron, Total	116		-		80-120	-		
Manganese, Total	101		-		80-120	-		
Dissolved Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1332375-2								
Iron, Dissolved	112		-		80-120	-		
Manganese, Dissolved	101		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L2002687
Report Date: 01/24/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1332247-3 QC Sample: L2002680-03 Client ID: MS Sample												
Iron, Total	1.26	1	2.24	98		-	-		75-125	-		20
Manganese, Total	0.03014	0.5	0.5071	95		-	-		75-125	-		20
Dissolved Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1332375-3 QC Sample: L2002569-01 Client ID: MS Sample												
Iron, Dissolved	0.0269J	1	1.16	116		-	-		75-125	-		20
Manganese, Dissolved	0.3855	0.5	0.9191	107		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE

Project Number: 170384501

Lab Number: L2002687

Report Date: 01/24/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1332247-4 QC Sample: L2002680-03 Client ID: DUP Sample						
Iron, Total	1.26	1.23	mg/l	2		20
Manganese, Total	0.03014	0.03138	mg/l	4		20
Dissolved Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1332375-4 QC Sample: L2002569-01 Client ID: DUP Sample						
Iron, Dissolved	0.0269J	0.0555	mg/l	NC		20
Manganese, Dissolved	0.3855	0.3832	mg/l	1		20

INORGANICS
&
MISCELLANEOUS

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501
Lab Number: L2002687
Report Date: 01/24/20

SAMPLE RESULTS

Lab ID: L2002687-01
Client ID: MW-202_012020
Sample Location: BROOKLYN, NEW YORK
Sample Depth:
Matrix: Water

Date Collected: 01/20/20 10:00
Date Received: 01/20/20
Field Prep: Refer to COC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Nitrogen, Nitrate	9.53		mg/l	0.500	0.164	5	-	01/22/20 06:52	121,4500NO3-F	MR
Sulfide	ND		mg/l	0.10	0.10	1	01/22/20 23:35	01/23/20 03:21	121,4500S2-D	CW
Sulfate	600		mg/l	250	34.	25	01/23/20 16:37	01/23/20 16:37	1,9038	BR

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501
Lab Number: L2002687
Report Date: 01/24/20

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1332532-1										
Nitrogen, Nitrate	ND		mg/l	0.100	0.032	1	-	01/22/20 06:30	121,4500NO3-F	MR
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1332874-1										
Sulfide	ND		mg/l	0.10	0.10	1	01/22/20 23:35	01/23/20 03:20	121,4500S2-D	CW
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1333221-1										
Sulfate	1.9	J	mg/l	10	1.4	1	01/23/20 16:37	01/23/20 16:37	1,9038	BR

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE

Project Number: 170384501

Lab Number: L2002687

Report Date: 01/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1332532-2								
Nitrogen, Nitrate	101		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1332874-2								
Sulfide	81		-		75-125	-		
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1333221-2								
Sulfate	90		-		90-110	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L2002687
Report Date: 01/24/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1332532-4 QC Sample: L2000001-151 Client ID: MS Sample												
Nitrogen, Nitrate	ND	4	4.04	101		-	-		83-113	-		17
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1332874-4 QC Sample: L2003110-01 Client ID: MS Sample												
Sulfide	ND	0.48	0.12	**25**	Q	-	-		70-130	-		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1333221-4 QC Sample: L2002598-01 Client ID: MS Sample												
Sulfate	21.	40	62	102		-	-		55-147	-		14

Lab Duplicate Analysis
Batch Quality Control

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L2002687
Report Date: 01/24/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1332532-3 QC Sample: L2000001-151 Client ID: DUP Sample						
Nitrogen, Nitrate	ND	ND	mg/l	NC		17
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1332874-3 QC Sample: L2002687-01 Client ID: MW-202_012020						
Sulfide	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1333221-3 QC Sample: L2002598-01 Client ID: DUP Sample						
Sulfate	21.	22	mg/l	5		14

Project Name: 805-825 ATLANTIC AVENUE
Project Number: 170384501

Lab Number: L2002687
Report Date: 01/24/20

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2002687-01A	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)
L2002687-01B	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)
L2002687-01C	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)
L2002687-01D	Plastic 250ml unpreserved	A	7	7	3.3	Y	Absent		SO4-9038(28),NO3-4500(2)
L2002687-01E	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.3	Y	Absent		SULFIDE-4500(7)
L2002687-01F	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.3	Y	Absent		SULFIDE-4500(7)
L2002687-01G	Plastic 250ml HNO3 preserved	A	<2	<2	3.3	Y	Absent		MN-6020S(180),FE-6020S(180)
L2002687-01H	Plastic 250ml HNO3 preserved	A	<2	<2	3.3	Y	Absent		FE-6020T(180),MN-6020T(180)
L2002687-02A	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)
L2002687-02B	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	805-825 ATLANTIC AVENUE	**Lab Number:**	L2002687
Project Number:	170384501	**Report Date:**	01/24/20

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: DU Report with 'J' Qualifiers

Project Name:	805-825 ATLANTIC AVENUE	**Lab Number:**	L2002687
Project Number:	170384501	**Report Date:**	01/24/20

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration

Report Format: DU Report with 'J' Qualifiers

Project Name:	805-825 ATLANTIC AVENUE	**Lab Number:**	L2002687
Project Number:	170384501	**Report Date:**	01/24/20

Data Qualifiers

Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers

Project Name:	805-825 ATLANTIC AVENUE	**Lab Number:**	L2002687
Project Number:	170384501	**Report Date:**	01/24/20

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 1/20/20

ALPHA Job #: L2002687

Client Information
Client: LANGAN
Address: 360 W 31 ST. 8TH FLOOR, NY
Phone: 212 479 5400
Fax: 212 479 5499
Email: KSEMON@LANGAN.COM

Project Information
Project Name: 805-825 ATLANTIC AVENUE
Project Location: BROOKLYN, NEW YORK
Project #: 170384501
(Use Project name as Project #) ☐
Project Manager: KIM SEMON / COLIN ANDERSEN
ALPHAQuote #:

Turn-Around Time
Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use ☑ TAL / TCL
☐ NYC Sewer Discharge

Billing Information
☑ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TAL+TCL VOCs	Total and Dissolved Fe	Total and Dissolved Mn	SULFATE	SULFIDE	NITRATE			Sample Specific Comments	Total Bottle
02687-01	MW-702.012020	1/20/20	10:00	GW	TM	X	X	X	X	X	X				
-02	TBOS-012020	↓	10:02	AQ	↓	X									

Container Type
Preservative

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
James Mevi	01/20/20 12:35	Dan D AAL	1/20/20 12:35
Dan D AAL	1/20/20 1435	Paul Magella	1/20/20 1435
Paul Magella	1/20/2021 02		1/20/2021 02

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2115627
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Kimberly Semon
Phone:	(212) 479-5486
Project Name:	805-825 ATLANTIC AVE
Project Number:	170384501
Report Date:	04/02/21

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501

Lab Number: L2115627
Report Date: 04/02/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2115627-01	MW-205_032921	WATER	BROOKLYN, NY	03/29/21 10:40	03/29/21
L2115627-02	MW-204_032921	WATER	BROOKLYN, NY	03/29/21 13:30	03/29/21
L2115627-03	FB01_032921	FIELD BLANK	BROOKLYN, NY	03/29/21 10:10	03/29/21
L2115627-04	TB01_032921	TRIP BLANK (AQUEOUS)	BROOKLYN, NY	03/29/21 00:00	03/29/21
L2115627-05	DUP01_032921	WATER	BROOKLYN, NY	03/29/21 00:00	03/29/21

Project Name:	805-825 ATLANTIC AVE	**Lab Number:**	L2115627
Project Number:	170384501	**Report Date:**	04/02/21

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	805-825 ATLANTIC AVE	**Lab Number:**	L2115627
Project Number:	170384501	**Report Date:**	04/02/21

Case Narrative (continued)

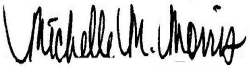
Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2115627-03: The collection date and time on the chain of custody was 29-MAR-21 10:10; however, the collection date/time on the container label was 29-MAR-21 10:05. At the client's request, the collection date/time is reported as 29-MAR-21 10:10.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Michelle M. Morris

Title: Technical Director/Representative Date: 04/02/21

ORGANICS

VOLATILES

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2115627
Report Date: 04/02/21

SAMPLE RESULTS

Lab ID: L2115627-01 D
Client ID: MW-205_032921
Sample Location: BROOKLYN, NY

Date Collected: 03/29/21 10:40
Date Received: 03/29/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 04/01/21 04:26
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	50	14.	20
1,1-Dichloroethane	ND		ug/l	50	14.	20
Chloroform	ND		ug/l	50	14.	20
Carbon tetrachloride	ND		ug/l	10	2.7	20
1,2-Dichloropropane	ND		ug/l	20	2.7	20
Dibromochloromethane	ND		ug/l	10	3.0	20
1,1,2-Trichloroethane	ND		ug/l	30	10.	20
Tetrachloroethene	ND		ug/l	10	3.6	20
Chlorobenzene	ND		ug/l	50	14.	20
Trichlorofluoromethane	ND		ug/l	50	14.	20
1,2-Dichloroethane	ND		ug/l	10	2.6	20
1,1,1-Trichloroethane	ND		ug/l	50	14.	20
Bromodichloromethane	ND		ug/l	10	3.8	20
trans-1,3-Dichloropropene	ND		ug/l	10	3.3	20
cis-1,3-Dichloropropene	ND		ug/l	10	2.9	20
1,3-Dichloropropene, Total	ND		ug/l	10	2.9	20
1,1-Dichloropropene	ND		ug/l	50	14.	20
Bromoform	ND		ug/l	40	13.	20
1,1,2,2-Tetrachloroethane	ND		ug/l	10	3.3	20
Benzene	ND		ug/l	10	3.2	20
Toluene	ND		ug/l	50	14.	20
Ethylbenzene	1200		ug/l	50	14.	20
Chloromethane	ND		ug/l	50	14.	20
Bromomethane	ND		ug/l	50	14.	20
Vinyl chloride	ND		ug/l	20	1.4	20
Chloroethane	ND		ug/l	50	14.	20
1,1-Dichloroethene	ND		ug/l	10	3.4	20
trans-1,2-Dichloroethene	ND		ug/l	50	14.	20

Project Name: 805-825 ATLANTIC AVE **Lab Number:** L2115627

Project Number: 170384501 **Report Date:** 04/02/21

SAMPLE RESULTS

Lab ID: L2115627-01 D Date Collected: 03/29/21 10:40
Client ID: MW-205_032921 Date Received: 03/29/21
Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	10	3.5	20
1,2-Dichlorobenzene	ND		ug/l	50	14.	20
1,3-Dichlorobenzene	ND		ug/l	50	14.	20
1,4-Dichlorobenzene	ND		ug/l	50	14.	20
Methyl tert butyl ether	ND		ug/l	50	14.	20
p/m-Xylene	4600		ug/l	50	14.	20
o-Xylene	1400		ug/l	50	14.	20
Xylenes, Total	6000		ug/l	50	14.	20
cis-1,2-Dichloroethene	ND		ug/l	50	14.	20
1,2-Dichloroethene, Total	ND		ug/l	50	14.	20
Dibromomethane	ND		ug/l	100	20.	20
1,2,3-Trichloropropane	ND		ug/l	50	14.	20
Acrylonitrile	ND		ug/l	100	30.	20
Styrene	ND		ug/l	50	14.	20
Dichlorodifluoromethane	ND		ug/l	100	20.	20
Acetone	33	J	ug/l	100	29.	20
Carbon disulfide	ND		ug/l	100	20.	20
2-Butanone	ND		ug/l	100	39.	20
Vinyl acetate	ND		ug/l	100	20.	20
4-Methyl-2-pentanone	ND		ug/l	100	20.	20
2-Hexanone	ND		ug/l	100	20.	20
Bromochloromethane	ND		ug/l	50	14.	20
2,2-Dichloropropane	ND		ug/l	50	14.	20
1,2-Dibromoethane	ND		ug/l	40	13.	20
1,3-Dichloropropane	ND		ug/l	50	14.	20
1,1,1,2-Tetrachloroethane	ND		ug/l	50	14.	20
Bromobenzene	ND		ug/l	50	14.	20
n-Butylbenzene	16	J	ug/l	50	14.	20
sec-Butylbenzene	18	J	ug/l	50	14.	20
tert-Butylbenzene	ND		ug/l	50	14.	20
o-Chlorotoluene	ND		ug/l	50	14.	20
p-Chlorotoluene	ND		ug/l	50	14.	20
1,2-Dibromo-3-chloropropane	ND		ug/l	50	14.	20
Hexachlorobutadiene	ND		ug/l	50	14.	20
Isopropylbenzene	94		ug/l	50	14.	20
p-Isopropyltoluene	ND		ug/l	50	14.	20
Naphthalene	250		ug/l	50	14.	20

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2115627
Report Date: 04/02/21

SAMPLE RESULTS

Lab ID: L2115627-01 D
Client ID: MW-205_032921
Sample Location: BROOKLYN, NY
Date Collected: 03/29/21 10:40
Date Received: 03/29/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	260		ug/l	50	14.	20
1,2,3-Trichlorobenzene	ND		ug/l	50	14.	20
1,2,4-Trichlorobenzene	ND		ug/l	50	14.	20
1,3,5-Trimethylbenzene	410		ug/l	50	14.	20
1,2,4-Trimethylbenzene	2000		ug/l	50	14.	20
1,4-Dioxane	ND		ug/l	5000	1200	20
p-Diethylbenzene	160		ug/l	40	14.	20
p-Ethyltoluene	1500		ug/l	40	14.	20
1,2,4,5-Tetramethylbenzene	59		ug/l	40	11.	20
Ethyl ether	ND		ug/l	50	14.	20
trans-1,4-Dichloro-2-butene	ND		ug/l	50	14.	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	95		70-130

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2115627
Report Date: 04/02/21

SAMPLE RESULTS

Lab ID: L2115627-02
Client ID: MW-204_032921
Sample Location: BROOKLYN, NY

Date Collected: 03/29/21 13:30
Date Received: 03/29/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 04/01/21 03:40
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	120		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2115627
Report Date: 04/02/21

SAMPLE RESULTS

Lab ID: L2115627-02
Client ID: MW-204_032921
Sample Location: BROOKLYN, NY
Date Collected: 03/29/21 13:30
Date Received: 03/29/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	300		ug/l	2.5	0.70	1
o-Xylene	81		ug/l	2.5	0.70	1
Xylenes, Total	380		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	7.2		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	27		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	3.3		ug/l	2.5	0.70	1
sec-Butylbenzene	3.5		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	15		ug/l	2.5	0.70	1
p-Isopropyltoluene	1.4	J	ug/l	2.5	0.70	1
Naphthalene	14		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2115627
Report Date: 04/02/21

SAMPLE RESULTS

Lab ID: L2115627-02
Client ID: MW-204_032921
Sample Location: BROOKLYN, NY
Date Collected: 03/29/21 13:30
Date Received: 03/29/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	43		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	90		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	310	E	ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	43		ug/l	2.0	0.70	1
p-Ethyltoluene	220	E	ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	10		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	93		70-130

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2115627
Report Date: 04/02/21

SAMPLE RESULTS

Lab ID: L2115627-02 D
Client ID: MW-204_032921
Sample Location: BROOKLYN, NY

Date Collected: 03/29/21 13:30
Date Received: 03/29/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 04/02/21 00:32
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	250		ug/l	12	3.5	5
p-Ethyltoluene	190		ug/l	10	3.5	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	94		70-130

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2115627
Report Date: 04/02/21

SAMPLE RESULTS

Lab ID: L2115627-03
Client ID: FB01_032921
Sample Location: BROOKLYN, NY

Date Collected: 03/29/21 10:10
Date Received: 03/29/21
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8260C
Analytical Date: 04/01/21 02:54
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVE **Lab Number:** L2115627

Project Number: 170384501 **Report Date:** 04/02/21

SAMPLE RESULTS

Lab ID: L2115627-03 Date Collected: 03/29/21 10:10

Client ID: FB01_032921 Date Received: 03/29/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.7	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2115627
Report Date: 04/02/21

SAMPLE RESULTS

Lab ID: L2115627-03
Client ID: FB01_032921
Sample Location: BROOKLYN, NY
Date Collected: 03/29/21 10:10
Date Received: 03/29/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	96		70-130

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2115627
Report Date: 04/02/21

SAMPLE RESULTS

Lab ID: L2115627-04
Client ID: TB01_032921
Sample Location: BROOKLYN, NY

Date Collected: 03/29/21 00:00
Date Received: 03/29/21
Field Prep: Not Specified

Sample Depth:
Matrix: Trip Blank (Aqueous)
Analytical Method: 1,8260C
Analytical Date: 04/01/21 03:17
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVE **Lab Number:** L2115627

Project Number: 170384501 **Report Date:** 04/02/21

SAMPLE RESULTS

Lab ID: L2115627-04 Date Collected: 03/29/21 00:00

Client ID: TB01_032921 Date Received: 03/29/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.7	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2115627
Report Date: 04/02/21

SAMPLE RESULTS

Lab ID: L2115627-04
Client ID: TB01_032921
Sample Location: BROOKLYN, NY
Date Collected: 03/29/21 00:00
Date Received: 03/29/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	97		70-130

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2115627
Report Date: 04/02/21

SAMPLE RESULTS

Lab ID: L2115627-05 D
Client ID: DUP01_032921
Sample Location: BROOKLYN, NY

Date Collected: 03/29/21 00:00
Date Received: 03/29/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 04/01/21 04:03
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	50	14.	20
1,1-Dichloroethane	ND		ug/l	50	14.	20
Chloroform	ND		ug/l	50	14.	20
Carbon tetrachloride	ND		ug/l	10	2.7	20
1,2-Dichloropropane	ND		ug/l	20	2.7	20
Dibromochloromethane	ND		ug/l	10	3.0	20
1,1,2-Trichloroethane	ND		ug/l	30	10.	20
Tetrachloroethene	ND		ug/l	10	3.6	20
Chlorobenzene	ND		ug/l	50	14.	20
Trichlorofluoromethane	ND		ug/l	50	14.	20
1,2-Dichloroethane	ND		ug/l	10	2.6	20
1,1,1-Trichloroethane	ND		ug/l	50	14.	20
Bromodichloromethane	ND		ug/l	10	3.8	20
trans-1,3-Dichloropropene	ND		ug/l	10	3.3	20
cis-1,3-Dichloropropene	ND		ug/l	10	2.9	20
1,3-Dichloropropene, Total	ND		ug/l	10	2.9	20
1,1-Dichloropropene	ND		ug/l	50	14.	20
Bromoform	ND		ug/l	40	13.	20
1,1,2,2-Tetrachloroethane	ND		ug/l	10	3.3	20
Benzene	ND		ug/l	10	3.2	20
Toluene	ND		ug/l	50	14.	20
Ethylbenzene	1200		ug/l	50	14.	20
Chloromethane	ND		ug/l	50	14.	20
Bromomethane	ND		ug/l	50	14.	20
Vinyl chloride	ND		ug/l	20	1.4	20
Chloroethane	ND		ug/l	50	14.	20
1,1-Dichloroethene	ND		ug/l	10	3.4	20
trans-1,2-Dichloroethene	ND		ug/l	50	14.	20

Project Name: 805-825 ATLANTIC AVE **Lab Number:** L2115627

Project Number: 170384501 **Report Date:** 04/02/21

SAMPLE RESULTS

Lab ID: L2115627-05 D Date Collected: 03/29/21 00:00
Client ID: DUP01_032921 Date Received: 03/29/21
Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	10	3.5	20
1,2-Dichlorobenzene	ND		ug/l	50	14.	20
1,3-Dichlorobenzene	ND		ug/l	50	14.	20
1,4-Dichlorobenzene	ND		ug/l	50	14.	20
Methyl tert butyl ether	ND		ug/l	50	14.	20
p/m-Xylene	4800		ug/l	50	14.	20
o-Xylene	1400		ug/l	50	14.	20
Xylenes, Total	6200		ug/l	50	14.	20
cis-1,2-Dichloroethene	ND		ug/l	50	14.	20
1,2-Dichloroethene, Total	ND		ug/l	50	14.	20
Dibromomethane	ND		ug/l	100	20.	20
1,2,3-Trichloropropane	ND		ug/l	50	14.	20
Acrylonitrile	ND		ug/l	100	30.	20
Styrene	ND		ug/l	50	14.	20
Dichlorodifluoromethane	ND		ug/l	100	20.	20
Acetone	38	J	ug/l	100	29.	20
Carbon disulfide	ND		ug/l	100	20.	20
2-Butanone	ND		ug/l	100	39.	20
Vinyl acetate	ND		ug/l	100	20.	20
4-Methyl-2-pentanone	ND		ug/l	100	20.	20
2-Hexanone	ND		ug/l	100	20.	20
Bromochloromethane	ND		ug/l	50	14.	20
2,2-Dichloropropane	ND		ug/l	50	14.	20
1,2-Dibromoethane	ND		ug/l	40	13.	20
1,3-Dichloropropane	ND		ug/l	50	14.	20
1,1,1,2-Tetrachloroethane	ND		ug/l	50	14.	20
Bromobenzene	ND		ug/l	50	14.	20
n-Butylbenzene	17	J	ug/l	50	14.	20
sec-Butylbenzene	19	J	ug/l	50	14.	20
tert-Butylbenzene	ND		ug/l	50	14.	20
o-Chlorotoluene	ND		ug/l	50	14.	20
p-Chlorotoluene	ND		ug/l	50	14.	20
1,2-Dibromo-3-chloropropane	ND		ug/l	50	14.	20
Hexachlorobutadiene	ND		ug/l	50	14.	20
Isopropylbenzene	98		ug/l	50	14.	20
p-Isopropyltoluene	ND		ug/l	50	14.	20
Naphthalene	250		ug/l	50	14.	20

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2115627
Report Date: 04/02/21

SAMPLE RESULTS

Lab ID: L2115627-05 D
Client ID: DUP01_032921
Sample Location: BROOKLYN, NY
Date Collected: 03/29/21 00:00
Date Received: 03/29/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	280		ug/l	50	14.	20
1,2,3-Trichlorobenzene	ND		ug/l	50	14.	20
1,2,4-Trichlorobenzene	ND		ug/l	50	14.	20
1,3,5-Trimethylbenzene	440		ug/l	50	14.	20
1,2,4-Trimethylbenzene	2100		ug/l	50	14.	20
1,4-Dioxane	ND		ug/l	5000	1200	20
p-Diethylbenzene	170		ug/l	40	14.	20
p-Ethyltoluene	1600		ug/l	40	14.	20
1,2,4,5-Tetramethylbenzene	64		ug/l	40	11.	20
Ethyl ether	ND		ug/l	50	14.	20
trans-1,4-Dichloro-2-butene	ND		ug/l	50	14.	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	95		70-130

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2115627
Report Date: 04/02/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/31/21 20:43
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1481555-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2115627
Report Date: 04/02/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/31/21 20:43
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1481555-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2115627
Report Date: 04/02/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/31/21 20:43
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1481555-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	95		70-130

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2115627
Report Date: 04/02/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/01/21 21:06
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1481917-5					
Tetrachloroethene	ND		ug/l	0.50	0.18
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	94		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501

Lab Number: L2115627
Report Date: 04/02/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1481555-3 WG1481555-4								
Methylene chloride	92		91		70-130	1		20
1,1-Dichloroethane	91		90		70-130	1		20
Chloroform	89		87		70-130	2		20
Carbon tetrachloride	91		90		63-132	1		20
1,2-Dichloropropane	89		88		70-130	1		20
Dibromochloromethane	90		92		63-130	2		20
1,1,2-Trichloroethane	93		94		70-130	1		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	97		96		75-130	1		20
Trichlorofluoromethane	93		92		62-150	1		20
1,2-Dichloroethane	87		86		70-130	1		20
1,1,1-Trichloroethane	92		92		67-130	0		20
Bromodichloromethane	85		86		67-130	1		20
trans-1,3-Dichloropropene	90		89		70-130	1		20
cis-1,3-Dichloropropene	85		83		70-130	2		20
1,1-Dichloropropene	90		89		70-130	1		20
Bromoform	89		91		54-136	2		20
1,1,2,2-Tetrachloroethane	91		93		67-130	2		20
Benzene	88		88		70-130	0		20
Toluene	98		98		70-130	0		20
Ethylbenzene	97		96		70-130	1		20
Chloromethane	85		81		64-130	5		20
Bromomethane	77		83		39-139	8		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2115627

Report Date: 04/02/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1481555-3 WG1481555-4								
Vinyl chloride	89		88		55-140	1		20
Chloroethane	90		85		55-138	6		20
1,1-Dichloroethene	93		92		61-145	1		20
trans-1,2-Dichloroethene	93		93		70-130	0		20
Trichloroethene	91		91		70-130	0		20
1,2-Dichlorobenzene	98		98		70-130	0		20
1,3-Dichlorobenzene	100		99		70-130	1		20
1,4-Dichlorobenzene	99		99		70-130	0		20
Methyl tert butyl ether	85		86		63-130	1		20
p/m-Xylene	95		95		70-130	0		20
o-Xylene	95		95		70-130	0		20
cis-1,2-Dichloroethene	92		92		70-130	0		20
Dibromomethane	86		88		70-130	2		20
1,2,3-Trichloropropane	78		87		64-130	11		20
Acrylonitrile	85		86		70-130	1		20
Styrene	90		90		70-130	0		20
Dichlorodifluoromethane	88		88		36-147	0		20
Acetone	87		88		58-148	1		20
Carbon disulfide	90		88		51-130	2		20
2-Butanone	78		79		63-138	1		20
Vinyl acetate	81		81		70-130	0		20
4-Methyl-2-pentanone	85		89		59-130	5		20
2-Hexanone	80		79		57-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501

Lab Number: L2115627
Report Date: 04/02/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1481555-3 WG1481555-4								
Bromochloromethane	95		97		70-130	2		20
2,2-Dichloropropane	94		92		63-133	2		20
1,2-Dibromoethane	94		94		70-130	0		20
1,3-Dichloropropane	93		94		70-130	1		20
1,1,1,2-Tetrachloroethane	95		94		64-130	1		20
Bromobenzene	100		99		70-130	1		20
n-Butylbenzene	100		100		53-136	0		20
sec-Butylbenzene	100		100		70-130	0		20
tert-Butylbenzene	99		99		70-130	0		20
o-Chlorotoluene	98		97		70-130	1		20
p-Chlorotoluene	98		97		70-130	1		20
1,2-Dibromo-3-chloropropane	79		81		41-144	3		20
Hexachlorobutadiene	110		100		63-130	10		20
Isopropylbenzene	100		100		70-130	0		20
p-Isopropyltoluene	100		100		70-130	0		20
Naphthalene	90		91		70-130	1		20
n-Propylbenzene	99		100		69-130	1		20
1,2,3-Trichlorobenzene	90		91		70-130	1		20
1,2,4-Trichlorobenzene	96		96		70-130	0		20
1,3,5-Trimethylbenzene	98		98		64-130	0		20
1,2,4-Trimethylbenzene	98		98		70-130	0		20
1,4-Dioxane	88		84		56-162	5		20
p-Diethylbenzene	100		100		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2115627

Report Date: 04/02/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1481555-3 WG1481555-4								
p-Ethyltoluene	100		100		70-130	0		20
1,2,4,5-Tetramethylbenzene	97		95		70-130	2		20
Ethyl ether	90		90		59-134	0		20
trans-1,4-Dichloro-2-butene	85		90		70-130	6		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		96		70-130
Toluene-d8	104		104		70-130
4-Bromofluorobenzene	99		101		70-130
Dibromofluoromethane	98		98		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2115627

Report Date: 04/02/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1481917-3 WG1481917-4								
Tetrachloroethene	92		97		70-130	5		20
Benzene	83		87		70-130	5		20
Toluene	91		95		70-130	4		20
Ethylbenzene	89		93		70-130	4		20
Trichloroethene	86		90		70-130	5		20
Methyl tert butyl ether	81		84		63-130	4		20
p/m-Xylene	90		95		70-130	5		20
o-Xylene	90		90		70-130	0		20
n-Butylbenzene	91		96		53-136	5		20
sec-Butylbenzene	91		96		70-130	5		20
tert-Butylbenzene	90		96		70-130	6		20
Isopropylbenzene	93		98		70-130	5		20
p-Isopropyltoluene	92		95		70-130	3		20
Naphthalene	73		85		70-130	15		20
n-Propylbenzene	91		97		69-130	6		20
1,3,5-Trimethylbenzene	91		96		64-130	5		20
1,2,4-Trimethylbenzene	92		96		70-130	4		20
p-Ethyltoluene	93		98		70-130	5		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2115627

Report Date: 04/02/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1481917-3 WG1481917-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		95		70-130
Toluene-d8	103		104		70-130
4-Bromofluorobenzene	100		102		70-130
Dibromofluoromethane	98		98		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2115627

Report Date: 04/02/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1481555-6 WG1481555-7 QC Sample: L2115627-01 Client ID: MW-205_032921												
Methylene chloride	ND	200	170	85		180	90		70-130	6		20
1,1-Dichloroethane	ND	200	170	85		180	90		70-130	6		20
Chloroform	ND	200	170	85		170	85		70-130	0		20
Carbon tetrachloride	ND	200	170	85		180	90		63-132	6		20
1,2-Dichloropropane	ND	200	170	85		170	85		70-130	0		20
Dibromochloromethane	ND	200	170	85		170	85		63-130	0		20
1,1,2-Trichloroethane	ND	200	180	90		190	95		70-130	5		20
Tetrachloroethene	ND	200	190	95		200	100		70-130	5		20
Chlorobenzene	ND	200	180	90		180	90		75-130	0		20
Trichlorofluoromethane	ND	200	180	90		180	90		62-150	0		20
1,2-Dichloroethane	ND	200	160	80		160	80		70-130	0		20
1,1,1-Trichloroethane	ND	200	180	90		180	90		67-130	0		20
Bromodichloromethane	ND	200	160	80		160	80		67-130	0		20
trans-1,3-Dichloropropene	ND	200	160	80		160	80		70-130	0		20
cis-1,3-Dichloropropene	ND	200	150	75		150	75		70-130	0		20
1,1-Dichloropropene	ND	200	170	85		180	90		70-130	6		20
Bromoform	ND	200	150	75		160	80		54-136	6		20
1,1,2,2-Tetrachloroethane	ND	200	170	85		170	85		67-130	0		20
Benzene	ND	200	170	85		170	85		70-130	0		20
Toluene	ND	200	190	95		190	95		70-130	0		20
Ethylbenzene	1200	200	1400	100		1300	**50**	Q	70-130	7		20
Chloromethane	ND	200	120	**60**	Q	130	65		64-130	8		20
Bromomethane	ND	200	55	**28**	Q	66	**33**	Q	39-139	18		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2115627

Report Date: 04/02/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1481555-6 WG1481555-7 QC Sample: L2115627-01 Client ID: MW-205_032921												
Vinyl chloride	ND	200	180	90		180	90		55-140	0		20
Chloroethane	ND	200	170	85		170	85		55-138	0		20
1,1-Dichloroethene	ND	200	180	90		180	90		61-145	0		20
trans-1,2-Dichloroethene	ND	200	180	90		180	90		70-130	0		20
Trichloroethene	ND	200	180	90		170	85		70-130	6		20
1,2-Dichlorobenzene	ND	200	180	90		180	90		70-130	0		20
1,3-Dichlorobenzene	ND	200	180	90		180	90		70-130	0		20
1,4-Dichlorobenzene	ND	200	180	90		180	90		70-130	0		20
Methyl tert butyl ether	ND	200	160	80		160	80		63-130	0		20
p/m-Xylene	4600	400	4800	**50**	Q	4800	**50**	Q	70-130	0		20
o-Xylene	1400	400	1700	75		1700	75		70-130	0		20
cis-1,2-Dichloroethene	ND	200	180	90		180	90		70-130	0		20
Dibromomethane	ND	200	160	80		160	80		70-130	0		20
1,2,3-Trichloropropane	ND	200	170	85		180	90		64-130	6		20
Acrylonitrile	ND	200	180	90		180	90		70-130	0		20
Styrene	ND	400	340	85		350	88		70-130	3		20
Dichlorodifluoromethane	ND	200	170	85		180	90		36-147	6		20
Acetone	33J	200	220	110		170	85		58-148	**26**	Q	20
Carbon disulfide	ND	200	170	85		180	90		51-130	6		20
2-Butanone	ND	200	140	70		170	85		63-138	19		20
Vinyl acetate	ND	200	150	75		150	75		70-130	0		20
4-Methyl-2-pentanone	ND	200	160	80		160	80		59-130	0		20
2-Hexanone	ND	200	150	75		150	75		57-130	0		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2115627

Report Date: 04/02/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1481555-6 WG1481555-7 QC Sample: L2115627-01 Client ID: MW-205_032921												
Bromochloromethane	ND	200	180	90		180	90		70-130	0		20
2,2-Dichloropropane	ND	200	150	75		150	75		63-133	0		20
1,2-Dibromoethane	ND	200	180	90		180	90		70-130	0		20
1,3-Dichloropropane	ND	200	180	90		180	90		70-130	0		20
1,1,1,2-Tetrachloroethane	ND	200	170	85		180	90		64-130	6		20
Bromobenzene	ND	200	180	90		180	90		70-130	0		20
n-Butylbenzene	16J	200	200	100		210	105		53-136	5		20
sec-Butylbenzene	18J	200	200	100		210	105		70-130	5		20
tert-Butylbenzene	ND	200	180	90		190	95		70-130	5		20
o-Chlorotoluene	ND	200	180	90		180	90		70-130	0		20
p-Chlorotoluene	ND	200	180	90		180	90		70-130	0		20
1,2-Dibromo-3-chloropropane	ND	200	140	70		150	75		41-144	7		20
Hexachlorobutadiene	ND	200	180	90		190	95		63-130	5		20
Isopropylbenzene	94	200	270	88		280	93		70-130	4		20
p-Isopropyltoluene	ND	200	210	105		220	110		70-130	5		20
Naphthalene	250	200	410	80		430	90		70-130	5		20
n-Propylbenzene	260	200	430	85		440	90		69-130	2		20
1,2,3-Trichlorobenzene	ND	200	160	80		180	90		70-130	12		20
1,2,4-Trichlorobenzene	ND	200	170	85		180	90		70-130	6		20
1,3,5-Trimethylbenzene	410	200	580	85		580	85		64-130	0		20
1,2,4-Trimethylbenzene	2000	200	2100	**50**	Q	2100	**50**	Q	70-130	0		20
1,4-Dioxane	ND	10000	6800	68		8100	81		56-162	17		20
p-Diethylbenzene	160	200	240	**40**	Q	240	**40**	Q	70-130	0		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501

Lab Number: L2115627
Report Date: 04/02/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1481555-6 WG1481555-7 QC Sample: L2115627-01 Client ID: MW-205_032921												
p-Ethyltoluene	1500	200	1600	**50**	Q	1600	**50**	Q	70-130	0		20
1,2,4,5-Tetramethylbenzene	59	200	240	90		240	90		70-130	0		20
Ethyl ether	ND	200	160	80		170	85		59-134	6		20
trans-1,4-Dichloro-2-butene	ND	200	110	**55**	Q	110	**55**	Q	70-130	0		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		96		70-130
4-Bromofluorobenzene	100		100		70-130
Dibromofluoromethane	98		98		70-130
Toluene-d8	105		105		70-130

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501

Lab Number: L2115627
Report Date: 04/02/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2115627-01A	Vial HCl preserved	A	NA		5.6	Y	Absent		NYTCL-8260(14)
L2115627-01A1	Vial HCl preserved	A	NA		5.6	Y	Absent		NYTCL-8260(14)
L2115627-01A2	Vial HCl preserved	A	NA		5.6	Y	Absent		NYTCL-8260(14)
L2115627-01B	Vial HCl preserved	A	NA		5.6	Y	Absent		NYTCL-8260(14)
L2115627-01B1	Vial HCl preserved	A	NA		5.6	Y	Absent		NYTCL-8260(14)
L2115627-01B2	Vial HCl preserved	A	NA		5.6	Y	Absent		NYTCL-8260(14)
L2115627-01C	Vial HCl preserved	A	NA		5.6	Y	Absent		NYTCL-8260(14)
L2115627-01C1	Vial HCl preserved	A	NA		5.6	Y	Absent		NYTCL-8260(14)
L2115627-01C2	Vial HCl preserved	A	NA		5.6	Y	Absent		NYTCL-8260(14)
L2115627-02A	Vial HCl preserved	A	NA		5.6	Y	Absent		NYTCL-8260(14)
L2115627-02B	Vial HCl preserved	A	NA		5.6	Y	Absent		NYTCL-8260(14)
L2115627-02C	Vial HCl preserved	A	NA		5.6	Y	Absent		NYTCL-8260(14)
L2115627-03A	Vial HCl preserved	A	NA		5.6	Y	Absent		NYTCL-8260(14)
L2115627-03B	Vial HCl preserved	A	NA		5.6	Y	Absent		NYTCL-8260(14)
L2115627-03C	Vial HCl preserved	A	NA		5.6	Y	Absent		NYTCL-8260(14)
L2115627-04A	Vial HCl preserved	A	NA		5.6	Y	Absent		NYTCL-8260(14)
L2115627-04B	Vial HCl preserved	A	NA		5.6	Y	Absent		NYTCL-8260(14)
L2115627-05A	Vial HCl preserved	A	NA		5.6	Y	Absent		NYTCL-8260(14)
L2115627-05B	Vial HCl preserved	A	NA		5.6	Y	Absent		NYTCL-8260(14)
L2115627-05C	Vial HCl preserved	A	NA		5.6	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	805-825 ATLANTIC AVE	**Lab Number:**	L2115627
Project Number:	170384501	**Report Date:**	04/02/21

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	805-825 ATLANTIC AVE	**Lab Number:**	L2115627
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Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. (Note: 'PFAS, Total (6)' is applicable to MassDEP DW compliance analysis only.). If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

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Data Qualifiers

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers

Project Name:	805-825 ATLANTIC AVE	**Lab Number:**	L2115627
Project Number:	170384501	**Report Date:**	04/02/21

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 3/30/21

ALPHA Job #: L2115627

Client Information

Client: LANGAN, DPC
Address: 360 W. 31st St. NY, NY 10001
Phone: 212-479-5400
Fax: 212-479-5444
Email: KSEMON@LANGAN.COM

Project Information

Project Name: 805-825 Atlantic Ave
Project Location: Brooklyn, NY
Project # 170384501
(Use Project name as Project #) ☐
Project Manager: Kim Semon
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☒ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
Extra sample volume from MW-205_032921 for matrix spike/matrix spikeduplicate sample.

Please specify Metals or TAL. Please include LESMAIL@LANGAN.com on all emails.

ANALYSIS

Part 375 VOCs

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Part 375 VOCs	Sample Specific Comments
15627-01	MW-205_032921	3/29/21	1040	GW	AS	X	MS/MSD
-02	MW-204_032921		1330			X	
-03	FB01_032921		1010			X	
-04	TB01_032921		1400			X	
-05	DUP01_032921		—			X	

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type															
Preservative															

Relinquished By:	Date/Time	Received By:	Date/Time
	3/29/21 1935		3/29/21 1935
	3/29/21 1830	AAL	3/29/21 23:00
AAL	3/30/21 0230		3/30/21 0230

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2115808
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Kimberly Semon
Phone:	(212) 479-5486
Project Name:	805-825 ATLANTIC AVE
Project Number:	170384501
Report Date:	04/05/21

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501

Lab Number: L2115808
Report Date: 04/05/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2115808-01	MW-203_033021	WATER	BROOKLYN, NY	03/30/21 10:30	03/30/21
L2115808-02	TB02_033021	TRIP BLANK (AQUEOUS)	BROOKLYN, NY	03/30/21 00:00	03/30/21

Project Name:	805-825 ATLANTIC AVE	**Lab Number:**	L2115808
Project Number:	170384501	**Report Date:**	04/05/21

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	805-825 ATLANTIC AVE	**Lab Number:**	L2115808
Project Number:	170384501	**Report Date:**	04/05/21

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2115808-02B: The container for TCL Volatiles - EPA 8260C was received broken; however, there was adequate sample remaining to perform the requested analysis.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Caitlin Walukevich

Title: Technical Director/Representative

Date: 04/05/21

ORGANICS

VOLATILES

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2115808
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2115808-01
Client ID: MW-203_033021
Sample Location: BROOKLYN, NY

Date Collected: 03/30/21 10:30
Date Received: 03/30/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 04/02/21 10:33
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2115808
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2115808-01
Client ID: MW-203_033021
Sample Location: BROOKLYN, NY
Date Collected: 03/30/21 10:30
Date Received: 03/30/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.5	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2115808
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2115808-01
Client ID: MW-203_033021
Sample Location: BROOKLYN, NY
Date Collected: 03/30/21 10:30
Date Received: 03/30/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	106		70-130

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2115808
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2115808-02
Client ID: TB02_033021
Sample Location: BROOKLYN, NY

Date Collected: 03/30/21 00:00
Date Received: 03/30/21
Field Prep: Not Specified

Sample Depth:
Matrix: Trip Blank (Aqueous)
Analytical Method: 1,8260C
Analytical Date: 04/02/21 10:53
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVE **Lab Number:** L2115808

Project Number: 170384501 **Report Date:** 04/05/21

SAMPLE RESULTS

Lab ID: L2115808-02 Date Collected: 03/30/21 00:00

Client ID: TB02_033021 Date Received: 03/30/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2115808
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2115808-02
Client ID: TB02_033021
Sample Location: BROOKLYN, NY
Date Collected: 03/30/21 00:00
Date Received: 03/30/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	104		70-130

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2115808
Report Date: 04/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/02/21 08:49
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1481901-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2115808
Report Date: 04/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/02/21 08:49
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1481901-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2115808
Report Date: 04/05/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/02/21 08:49
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1481901-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2115808

Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1481901-3 WG1481901-4								
Methylene chloride	98		96		70-130	2		20
1,1-Dichloroethane	100		110		70-130	10		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	98		97		70-130	1		20
Dibromochloromethane	88		88		63-130	0		20
1,1,2-Trichloroethane	86		89		70-130	3		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	90		93		75-130	3		20
Trichlorofluoromethane	99		100		62-150	1		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	91		92		67-130	1		20
trans-1,3-Dichloropropene	90		93		70-130	3		20
cis-1,3-Dichloropropene	93		95		70-130	2		20
1,1-Dichloropropene	100		98		70-130	2		20
Bromoform	86		80		54-136	7		20
1,1,2,2-Tetrachloroethane	81		77		67-130	5		20
Benzene	99		98		70-130	1		20
Toluene	96		98		70-130	2		20
Ethylbenzene	93		95		70-130	2		20
Chloromethane	110		100		64-130	10		20
Bromomethane	**140**	Q	**140**	Q	39-139	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2115808

Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1481901-3 WG1481901-4								
Vinyl chloride	97		91		55-140	6		20
Chloroethane	80		86		55-138	7		20
1,1-Dichloroethene	96		100		61-145	4		20
trans-1,2-Dichloroethene	92		97		70-130	5		20
Trichloroethene	95		95		70-130	0		20
1,2-Dichlorobenzene	85		86		70-130	1		20
1,3-Dichlorobenzene	88		90		70-130	2		20
1,4-Dichlorobenzene	90		87		70-130	3		20
Methyl tert butyl ether	93		94		63-130	1		20
p/m-Xylene	90		95		70-130	5		20
o-Xylene	90		90		70-130	0		20
cis-1,2-Dichloroethene	87		100		70-130	14		20
Dibromomethane	93		87		70-130	7		20
1,2,3-Trichloropropane	84		85		64-130	1		20
Acrylonitrile	87		91		70-130	4		20
Styrene	90		90		70-130	0		20
Dichlorodifluoromethane	77		76		36-147	1		20
Acetone	120		130		58-148	8		20
Carbon disulfide	90		98		51-130	9		20
2-Butanone	100		110		63-138	10		20
Vinyl acetate	100		100		70-130	0		20
4-Methyl-2-pentanone	81		84		59-130	4		20
2-Hexanone	86		89		57-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2115808

Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1481901-3 WG1481901-4								
Bromochloromethane	100		110		70-130	10		20
2,2-Dichloropropane	110		120		63-133	9		20
1,2-Dibromoethane	87		86		70-130	1		20
1,3-Dichloropropane	90		92		70-130	2		20
1,1,1,2-Tetrachloroethane	84		89		64-130	6		20
Bromobenzene	90		89		70-130	1		20
n-Butylbenzene	93		90		53-136	3		20
sec-Butylbenzene	89		91		70-130	2		20
tert-Butylbenzene	88		90		70-130	2		20
o-Chlorotoluene	92		91		70-130	1		20
p-Chlorotoluene	94		90		70-130	4		20
1,2-Dibromo-3-chloropropane	67		75		41-144	11		20
Hexachlorobutadiene	95		95		63-130	0		20
Isopropylbenzene	90		91		70-130	1		20
p-Isopropyltoluene	91		90		70-130	1		20
Naphthalene	71		74		70-130	4		20
n-Propylbenzene	94		93		69-130	1		20
1,2,3-Trichlorobenzene	87		88		70-130	1		20
1,2,4-Trichlorobenzene	84		86		70-130	2		20
1,3,5-Trimethylbenzene	91		92		64-130	1		20
1,2,4-Trimethylbenzene	89		89		70-130	0		20
1,4-Dioxane	88		98		56-162	11		20
p-Diethylbenzene	86		87		70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2115808

Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1481901-3 WG1481901-4								
p-Ethyltoluene	91		90		70-130	1		20
1,2,4,5-Tetramethylbenzene	81		81		70-130	0		20
Ethyl ether	98		100		59-134	2		20
trans-1,4-Dichloro-2-butene	90		93		70-130	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	110		121		70-130
Toluene-d8	103		105		70-130
4-Bromofluorobenzene	103		103		70-130
Dibromofluoromethane	102		106		70-130

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501

Lab Number: L2115808
Report Date: 04/05/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2115808-01A	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260(14)
L2115808-01B	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260(14)
L2115808-01C	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260(14)
L2115808-02A	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260(14)
L2115808-02B	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	805-825 ATLANTIC AVE	**Lab Number:**	L2115808
Project Number:	170384501	**Report Date:**	04/05/21

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	805-825 ATLANTIC AVE	**Lab Number:**	L2115808
Project Number:	170384501	**Report Date:**	04/05/21

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. (Note: 'PFAS, Total (6)' is applicable to MassDEP DW compliance analysis only.). If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	805-825 ATLANTIC AVE	**Lab Number:**	L2115808
Project Number:	170384501	**Report Date:**	04/05/21

Data Qualifiers

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Project Name:	805-825 ATLANTIC AVE	**Lab Number:**	L2115808
Project Number:	170384501	**Report Date:**	04/05/21

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 3/30/21

ALPHA Job #: L2115804

Client Information
Client: LANGAN, DPC
Address: 300 W 31st St. NY, NY 10001
Phone: 212-479-5400
Fax: 212-479-5444
Email: KSEMON@LANGAN.COM

Project Information
Project Name: 805-875 Atlantic Ave
Project Location: Brooklyn, NY
Project # 170384501
(Use Project name as Project #) ☐
Project Manager: Kim Semon
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
Please include LESMAIL@LANGAN.com + datamanagement@langan.com on all emails

Please specify Metals or TAL.

ANALYSIS
Part 375 TAL VOCs

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Sample Specific Comments

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Part 375 TAL VOCs								Sample Specific Comments	Total Bottle
15808-01	MW-203_033021	3/30/21	1030	GW	AS	X									
-02	TB02_033021	"	1330	W	"	X									

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type									
Preservative									

Relinquished By:	Date/Time	Received By:	Date/Time
Ashley Stappenbeck	3/30/21 1340		3/30/21 17:40
	3/30/21 18:20		3/30/21 20:00
AAL	3/30/21 23:40		3/30/21 23:40

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2131020
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Kimberly Semon
Phone:	(212) 479-5486
Project Name:	805 ATLANTIC AVE
Project Number:	170384501
Report Date:	06/17/21

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Project Name: 805 ATLANTIC AVE
Project Number: 170384501

Lab Number: L2131020
Report Date: 06/17/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2131020-01	MW-204_060921	WATER	BROOKLYN, NY	06/09/21 14:05	06/09/21
L2131020-02	MW-205_060921	WATER	BROOKLYN, NY	06/09/21 11:20	06/09/21
L2131020-03	DUP01_060921	WATER	BROOKLYN, NY	06/09/21 00:00	06/09/21
L2131020-04	FB01_060921	WATER	BROOKLYN, NY	06/09/21 15:50	06/09/21
L2131020-05	TB01_060921	WATER	BROOKLYN, NY	06/09/21 00:00	06/09/21

Project Name:	805 ATLANTIC AVE	**Lab Number:**	L2131020
Project Number:	170384501	**Report Date:**	06/17/21

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	805 ATLANTIC AVE	**Lab Number:**	L2131020
Project Number:	170384501	**Report Date:**	06/17/21

Case Narrative (continued)

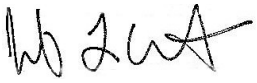
Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

The WG1512938-6/-7 MS/MSD recoveries, performed on L2131020-02, are outside the acceptance criteria for ethylbenzene (0%/0%), p/m-xylene (0%/0%), 1,2,4-trimethylbenzene (0%/0%), 1,4-diethylbenzene (0%/0%), and 4-ethyltoluene (0%/0%). The unacceptable percent recoveries are attributed to the elevated concentrations of target compounds present in the native sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Jennifer L Clements

Title: Technical Director/Representative Date: 06/17/21

ORGANICS

VOLATILES

Project Name: 805 ATLANTIC AVE
Lab Number: L2131020
Project Number: 170384501
Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2131020-01 D2
Client ID: MW-204_060921
Sample Location: BROOKLYN, NY

Date Collected: 06/09/21 14:05
Date Received: 06/09/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 06/17/21 03:04
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	480		ug/l	25	7.0	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	106		70-130

Project Name: 805 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2131020
Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2131020-01 D
Client ID: MW-204_060921
Sample Location: BROOKLYN, NY

Date Collected: 06/09/21 14:05
Date Received: 06/09/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 06/16/21 13:30
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	6.2	1.8	2.5
1,1-Dichloroethane	ND		ug/l	6.2	1.8	2.5
Chloroform	ND		ug/l	6.2	1.8	2.5
Carbon tetrachloride	ND		ug/l	1.2	0.34	2.5
1,2-Dichloropropane	ND		ug/l	2.5	0.34	2.5
Dibromochloromethane	ND		ug/l	1.2	0.37	2.5
1,1,2-Trichloroethane	ND		ug/l	3.8	1.2	2.5
Tetrachloroethene	ND		ug/l	1.2	0.45	2.5
Chlorobenzene	ND		ug/l	6.2	1.8	2.5
Trichlorofluoromethane	ND		ug/l	6.2	1.8	2.5
1,2-Dichloroethane	ND		ug/l	1.2	0.33	2.5
1,1,1-Trichloroethane	ND		ug/l	6.2	1.8	2.5
Bromodichloromethane	ND		ug/l	1.2	0.48	2.5
trans-1,3-Dichloropropene	ND		ug/l	1.2	0.41	2.5
cis-1,3-Dichloropropene	ND		ug/l	1.2	0.36	2.5
1,3-Dichloropropene, Total	ND		ug/l	1.2	0.36	2.5
1,1-Dichloropropene	ND		ug/l	6.2	1.8	2.5
Bromoform	ND		ug/l	5.0	1.6	2.5
1,1,2,2-Tetrachloroethane	ND		ug/l	1.2	0.42	2.5
Benzene	ND		ug/l	1.2	0.40	2.5
Toluene	ND		ug/l	6.2	1.8	2.5
Ethylbenzene	400		ug/l	6.2	1.8	2.5
Chloromethane	ND		ug/l	6.2	1.8	2.5
Bromomethane	ND		ug/l	6.2	1.8	2.5
Vinyl chloride	ND		ug/l	2.5	0.18	2.5
Chloroethane	ND		ug/l	6.2	1.8	2.5
1,1-Dichloroethene	ND		ug/l	1.2	0.42	2.5
trans-1,2-Dichloroethene	ND		ug/l	6.2	1.8	2.5

Project Name: 805 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2131020
Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2131020-01 D
Client ID: MW-204_060921
Sample Location: BROOKLYN, NY

Date Collected: 06/09/21 14:05
Date Received: 06/09/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	1.5		ug/l	1.2	0.44	2.5
1,2-Dichlorobenzene	ND		ug/l	6.2	1.8	2.5
1,3-Dichlorobenzene	ND		ug/l	6.2	1.8	2.5
1,4-Dichlorobenzene	ND		ug/l	6.2	1.8	2.5
Methyl tert butyl ether	ND		ug/l	6.2	1.8	2.5
p/m-Xylene	530		ug/l	6.2	1.8	2.5
o-Xylene	130		ug/l	6.2	1.8	2.5
Xylenes, Total	660		ug/l	6.2	1.8	2.5
cis-1,2-Dichloroethene	ND		ug/l	6.2	1.8	2.5
1,2-Dichloroethene, Total	ND		ug/l	6.2	1.8	2.5
Dibromomethane	ND		ug/l	12	2.5	2.5
1,2,3-Trichloropropane	ND		ug/l	6.2	1.8	2.5
Acrylonitrile	ND		ug/l	12	3.8	2.5
Styrene	ND		ug/l	6.2	1.8	2.5
Dichlorodifluoromethane	ND		ug/l	12	2.5	2.5
Acetone	6.2	J	ug/l	12	3.6	2.5
Carbon disulfide	ND		ug/l	12	2.5	2.5
2-Butanone	ND		ug/l	12	4.8	2.5
Vinyl acetate	ND		ug/l	12	2.5	2.5
4-Methyl-2-pentanone	ND		ug/l	12	2.5	2.5
2-Hexanone	ND		ug/l	12	2.5	2.5
Bromochloromethane	ND		ug/l	6.2	1.8	2.5
2,2-Dichloropropane	ND		ug/l	6.2	1.8	2.5
1,2-Dibromoethane	ND		ug/l	5.0	1.6	2.5
1,3-Dichloropropane	ND		ug/l	6.2	1.8	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	6.2	1.8	2.5
Bromobenzene	ND		ug/l	6.2	1.8	2.5
n-Butylbenzene	3.0	J	ug/l	6.2	1.8	2.5
sec-Butylbenzene	4.0	J	ug/l	6.2	1.8	2.5
tert-Butylbenzene	ND		ug/l	6.2	1.8	2.5
o-Chlorotoluene	ND		ug/l	6.2	1.8	2.5
p-Chlorotoluene	ND		ug/l	6.2	1.8	2.5
1,2-Dibromo-3-chloropropane	ND		ug/l	6.2	1.8	2.5
Hexachlorobutadiene	ND		ug/l	6.2	1.8	2.5
Isopropylbenzene	32		ug/l	6.2	1.8	2.5
p-Isopropyltoluene	ND		ug/l	6.2	1.8	2.5
Naphthalene	29		ug/l	6.2	1.8	2.5

Project Name: 805 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2131020
Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2131020-01 D
Client ID: MW-204_060921
Sample Location: BROOKLYN, NY
Date Collected: 06/09/21 14:05
Date Received: 06/09/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	79		ug/l	6.2	1.8	2.5
1,2,3-Trichlorobenzene	ND		ug/l	6.2	1.8	2.5
1,2,4-Trichlorobenzene	ND		ug/l	6.2	1.8	2.5
1,3,5-Trimethylbenzene	160		ug/l	6.2	1.8	2.5
1,2,4-Trimethylbenzene	560	E	ug/l	6.2	1.8	2.5
1,4-Dioxane	ND		ug/l	620	150	2.5
p-Diethylbenzene	49		ug/l	5.0	1.8	2.5
p-Ethyltoluene	270		ug/l	5.0	1.8	2.5
1,2,4,5-Tetramethylbenzene	13		ug/l	5.0	1.4	2.5
Ethyl ether	ND		ug/l	6.2	1.8	2.5
trans-1,4-Dichloro-2-butene	ND		ug/l	6.2	1.8	2.5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	126		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	108		70-130

Project Name: 805 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2131020
Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2131020-02 D
Client ID: MW-205_060921
Sample Location: BROOKLYN, NY

Date Collected: 06/09/21 11:20
Date Received: 06/09/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 06/16/21 13:58
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	50	14.	20
1,1-Dichloroethane	ND		ug/l	50	14.	20
Chloroform	ND		ug/l	50	14.	20
Carbon tetrachloride	ND		ug/l	10	2.7	20
1,2-Dichloropropane	ND		ug/l	20	2.7	20
Dibromochloromethane	ND		ug/l	10	3.0	20
1,1,2-Trichloroethane	ND		ug/l	30	10.	20
Tetrachloroethene	ND		ug/l	10	3.6	20
Chlorobenzene	ND		ug/l	50	14.	20
Trichlorofluoromethane	ND		ug/l	50	14.	20
1,2-Dichloroethane	ND		ug/l	10	2.6	20
1,1,1-Trichloroethane	ND		ug/l	50	14.	20
Bromodichloromethane	ND		ug/l	10	3.8	20
trans-1,3-Dichloropropene	ND		ug/l	10	3.3	20
cis-1,3-Dichloropropene	ND		ug/l	10	2.9	20
1,3-Dichloropropene, Total	ND		ug/l	10	2.9	20
1,1-Dichloropropene	ND		ug/l	50	14.	20
Bromoform	ND		ug/l	40	13.	20
1,1,2,2-Tetrachloroethane	ND		ug/l	10	3.3	20
Benzene	ND		ug/l	10	3.2	20
Toluene	ND		ug/l	50	14.	20
Ethylbenzene	1500		ug/l	50	14.	20
Chloromethane	ND		ug/l	50	14.	20
Bromomethane	ND		ug/l	50	14.	20
Vinyl chloride	ND		ug/l	20	1.4	20
Chloroethane	ND		ug/l	50	14.	20
1,1-Dichloroethene	ND		ug/l	10	3.4	20
trans-1,2-Dichloroethene	ND		ug/l	50	14.	20

Project Name: 805 ATLANTIC AVE **Lab Number:** L2131020

Project Number: 170384501 **Report Date:** 06/17/21

SAMPLE RESULTS

Lab ID: L2131020-02 D Date Collected: 06/09/21 11:20

Client ID: MW-205_060921 Date Received: 06/09/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	4.0	J	ug/l	10	3.5	20
1,2-Dichlorobenzene	ND		ug/l	50	14.	20
1,3-Dichlorobenzene	ND		ug/l	50	14.	20
1,4-Dichlorobenzene	ND		ug/l	50	14.	20
Methyl tert butyl ether	ND		ug/l	50	14.	20
p/m-Xylene	5900		ug/l	50	14.	20
o-Xylene	1100		ug/l	50	14.	20
Xylenes, Total	7000		ug/l	50	14.	20
cis-1,2-Dichloroethene	ND		ug/l	50	14.	20
1,2-Dichloroethene, Total	ND		ug/l	50	14.	20
Dibromomethane	ND		ug/l	100	20.	20
1,2,3-Trichloropropane	ND		ug/l	50	14.	20
Acrylonitrile	ND		ug/l	100	30.	20
Styrene	ND		ug/l	50	14.	20
Dichlorodifluoromethane	ND		ug/l	100	20.	20
Acetone	ND		ug/l	100	29.	20
Carbon disulfide	ND		ug/l	100	20.	20
2-Butanone	ND		ug/l	100	39.	20
Vinyl acetate	ND		ug/l	100	20.	20
4-Methyl-2-pentanone	ND		ug/l	100	20.	20
2-Hexanone	ND		ug/l	100	20.	20
Bromochloromethane	ND		ug/l	50	14.	20
2,2-Dichloropropane	ND		ug/l	50	14.	20
1,2-Dibromoethane	ND		ug/l	40	13.	20
1,3-Dichloropropane	ND		ug/l	50	14.	20
1,1,1,2-Tetrachloroethane	ND		ug/l	50	14.	20
Bromobenzene	ND		ug/l	50	14.	20
n-Butylbenzene	22	J	ug/l	50	14.	20
sec-Butylbenzene	23	J	ug/l	50	14.	20
tert-Butylbenzene	ND		ug/l	50	14.	20
o-Chlorotoluene	ND		ug/l	50	14.	20
p-Chlorotoluene	ND		ug/l	50	14.	20
1,2-Dibromo-3-chloropropane	ND		ug/l	50	14.	20
Hexachlorobutadiene	ND		ug/l	50	14.	20
Isopropylbenzene	130		ug/l	50	14.	20
p-Isopropyltoluene	ND		ug/l	50	14.	20
Naphthalene	320		ug/l	50	14.	20

Project Name: 805 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2131020
Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2131020-02 D
Client ID: MW-205_060921
Sample Location: BROOKLYN, NY
Date Collected: 06/09/21 11:20
Date Received: 06/09/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	400		ug/l	50	14.	20
1,2,3-Trichlorobenzene	ND		ug/l	50	14.	20
1,2,4-Trichlorobenzene	ND		ug/l	50	14.	20
1,3,5-Trimethylbenzene	700		ug/l	50	14.	20
1,2,4-Trimethylbenzene	3000		ug/l	50	14.	20
1,4-Dioxane	ND		ug/l	5000	1200	20
p-Diethylbenzene	250		ug/l	40	14.	20
p-Ethyltoluene	2200		ug/l	40	14.	20
1,2,4,5-Tetramethylbenzene	80		ug/l	40	11.	20
Ethyl ether	ND		ug/l	50	14.	20
trans-1,4-Dichloro-2-butene	ND		ug/l	50	14.	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	125		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	113		70-130

Project Name: 805 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2131020
Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2131020-03 D
Client ID: DUP01_060921
Sample Location: BROOKLYN, NY

Date Collected: 06/09/21 00:00
Date Received: 06/09/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 06/16/21 14:27
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	50	14.	20
1,1-Dichloroethane	ND		ug/l	50	14.	20
Chloroform	ND		ug/l	50	14.	20
Carbon tetrachloride	ND		ug/l	10	2.7	20
1,2-Dichloropropane	ND		ug/l	20	2.7	20
Dibromochloromethane	ND		ug/l	10	3.0	20
1,1,2-Trichloroethane	ND		ug/l	30	10.	20
Tetrachloroethene	ND		ug/l	10	3.6	20
Chlorobenzene	ND		ug/l	50	14.	20
Trichlorofluoromethane	ND		ug/l	50	14.	20
1,2-Dichloroethane	ND		ug/l	10	2.6	20
1,1,1-Trichloroethane	ND		ug/l	50	14.	20
Bromodichloromethane	ND		ug/l	10	3.8	20
trans-1,3-Dichloropropene	ND		ug/l	10	3.3	20
cis-1,3-Dichloropropene	ND		ug/l	10	2.9	20
1,3-Dichloropropene, Total	ND		ug/l	10	2.9	20
1,1-Dichloropropene	ND		ug/l	50	14.	20
Bromoform	ND		ug/l	40	13.	20
1,1,2,2-Tetrachloroethane	ND		ug/l	10	3.3	20
Benzene	ND		ug/l	10	3.2	20
Toluene	ND		ug/l	50	14.	20
Ethylbenzene	1500		ug/l	50	14.	20
Chloromethane	ND		ug/l	50	14.	20
Bromomethane	ND		ug/l	50	14.	20
Vinyl chloride	ND		ug/l	20	1.4	20
Chloroethane	ND		ug/l	50	14.	20
1,1-Dichloroethene	ND		ug/l	10	3.4	20
trans-1,2-Dichloroethene	ND		ug/l	50	14.	20

Project Name: 805 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2131020
Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2131020-03 D
Client ID: DUP01_060921
Sample Location: BROOKLYN, NY
Date Collected: 06/09/21 00:00
Date Received: 06/09/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	6.1	J	ug/l	10	3.5	20
1,2-Dichlorobenzene	ND		ug/l	50	14.	20
1,3-Dichlorobenzene	ND		ug/l	50	14.	20
1,4-Dichlorobenzene	ND		ug/l	50	14.	20
Methyl tert butyl ether	ND		ug/l	50	14.	20
p/m-Xylene	5700		ug/l	50	14.	20
o-Xylene	1000		ug/l	50	14.	20
Xylenes, Total	6700		ug/l	50	14.	20
cis-1,2-Dichloroethene	ND		ug/l	50	14.	20
1,2-Dichloroethene, Total	ND		ug/l	50	14.	20
Dibromomethane	ND		ug/l	100	20.	20
1,2,3-Trichloropropane	ND		ug/l	50	14.	20
Acrylonitrile	ND		ug/l	100	30.	20
Styrene	ND		ug/l	50	14.	20
Dichlorodifluoromethane	ND		ug/l	100	20.	20
Acetone	35	J	ug/l	100	29.	20
Carbon disulfide	ND		ug/l	100	20.	20
2-Butanone	ND		ug/l	100	39.	20
Vinyl acetate	ND		ug/l	100	20.	20
4-Methyl-2-pentanone	ND		ug/l	100	20.	20
2-Hexanone	ND		ug/l	100	20.	20
Bromochloromethane	ND		ug/l	50	14.	20
2,2-Dichloropropane	ND		ug/l	50	14.	20
1,2-Dibromoethane	ND		ug/l	40	13.	20
1,3-Dichloropropane	ND		ug/l	50	14.	20
1,1,1,2-Tetrachloroethane	ND		ug/l	50	14.	20
Bromobenzene	ND		ug/l	50	14.	20
n-Butylbenzene	21	J	ug/l	50	14.	20
sec-Butylbenzene	23	J	ug/l	50	14.	20
tert-Butylbenzene	ND		ug/l	50	14.	20
o-Chlorotoluene	ND		ug/l	50	14.	20
p-Chlorotoluene	ND		ug/l	50	14.	20
1,2-Dibromo-3-chloropropane	ND		ug/l	50	14.	20
Hexachlorobutadiene	ND		ug/l	50	14.	20
Isopropylbenzene	130		ug/l	50	14.	20
p-Isopropyltoluene	ND		ug/l	50	14.	20
Naphthalene	330		ug/l	50	14.	20

Project Name: 805 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2131020
Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2131020-03 D
Client ID: DUP01_060921
Sample Location: BROOKLYN, NY
Date Collected: 06/09/21 00:00
Date Received: 06/09/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	390		ug/l	50	14.	20
1,2,3-Trichlorobenzene	ND		ug/l	50	14.	20
1,2,4-Trichlorobenzene	ND		ug/l	50	14.	20
1,3,5-Trimethylbenzene	690		ug/l	50	14.	20
1,2,4-Trimethylbenzene	2900		ug/l	50	14.	20
1,4-Dioxane	ND		ug/l	5000	1200	20
p-Diethylbenzene	250		ug/l	40	14.	20
p-Ethyltoluene	2200		ug/l	40	14.	20
1,2,4,5-Tetramethylbenzene	81		ug/l	40	11.	20
Ethyl ether	ND		ug/l	50	14.	20
trans-1,4-Dichloro-2-butene	ND		ug/l	50	14.	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	110		70-130

Project Name: 805 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2131020
Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2131020-04
Client ID: FB01_060921
Sample Location: BROOKLYN, NY

Date Collected: 06/09/21 15:50
Date Received: 06/09/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 06/16/21 12:33
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 805 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2131020
Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2131020-04
Client ID: FB01_060921
Sample Location: BROOKLYN, NY
Date Collected: 06/09/21 15:50
Date Received: 06/09/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 805 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2131020
Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2131020-04
Client ID: FB01_060921
Sample Location: BROOKLYN, NY
Date Collected: 06/09/21 15:50
Date Received: 06/09/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	**131**	Q	70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	117		70-130

Project Name: 805 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2131020
Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2131020-05
Client ID: TB01_060921
Sample Location: BROOKLYN, NY

Date Collected: 06/09/21 00:00
Date Received: 06/09/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 06/16/21 13:01
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 805 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2131020
Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2131020-05
Client ID: TB01_060921
Sample Location: BROOKLYN, NY
Date Collected: 06/09/21 00:00
Date Received: 06/09/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 805 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2131020
Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2131020-05
Client ID: TB01_060921
Sample Location: BROOKLYN, NY
Date Collected: 06/09/21 00:00
Date Received: 06/09/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	**132**	Q	70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	118		70-130

Project Name: 805 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2131020
Report Date: 06/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/16/21 11:36
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1512938-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 805 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2131020
Report Date: 06/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/16/21 11:36
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1512938-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 805 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2131020
Report Date: 06/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/16/21 11:36
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1512938-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	129		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	115		70-130

Project Name: 805 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2131020
Report Date: 06/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/16/21 19:50
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1513467-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 805 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2131020
Report Date: 06/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/16/21 19:50
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1513467-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 805 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2131020
Report Date: 06/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/16/21 19:50
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1513467-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	109		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 805 ATLANTIC AVE
Project Number: 170384501

Lab Number: L2131020
Report Date: 06/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1512938-3 WG1512938-4								
Methylene chloride	100		97		70-130	3		20
1,1-Dichloroethane	110		100		70-130	10		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	91		88		63-132	3		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	100		100		63-130	0		20
1,1,2-Trichloroethane	100		110		70-130	10		20
Tetrachloroethene	88		89		70-130	1		20
Chlorobenzene	97		94		75-130	3		20
Trichlorofluoromethane	91		93		62-150	2		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	99		98		67-130	1		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	90		96		70-130	6		20
cis-1,3-Dichloropropene	93		92		70-130	1		20
1,1-Dichloropropene	89		86		70-130	3		20
Bromoform	91		98		54-136	7		20
1,1,2,2-Tetrachloroethane	100		110		67-130	10		20
Benzene	98		96		70-130	2		20
Toluene	91		92		70-130	1		20
Ethylbenzene	91		89		70-130	2		20
Chloromethane	94		96		64-130	2		20
Bromomethane	64		66		39-139	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2131020

Report Date: 06/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1512938-3 WG1512938-4								
Vinyl chloride	81		80		55-140	1		20
Chloroethane	86		83		55-138	4		20
1,1-Dichloroethene	86		88		61-145	2		20
trans-1,2-Dichloroethene	93		92		70-130	1		20
Trichloroethene	88		93		70-130	6		20
1,2-Dichlorobenzene	94		98		70-130	4		20
1,3-Dichlorobenzene	94		97		70-130	3		20
1,4-Dichlorobenzene	94		95		70-130	1		20
Methyl tert butyl ether	86		95		63-130	10		20
p/m-Xylene	90		90		70-130	0		20
o-Xylene	95		95		70-130	0		20
cis-1,2-Dichloroethene	92		94		70-130	2		20
Dibromomethane	110		110		70-130	0		20
1,2,3-Trichloropropane	100		110		64-130	10		20
Acrylonitrile	130		**140**	Q	70-130	7		20
Styrene	100		95		70-130	5		20
Dichlorodifluoromethane	62		59		36-147	5		20
Acetone	**150**	Q	140		58-148	7		20
Carbon disulfide	90		88		51-130	2		20
2-Butanone	110		130		63-138	17		20
Vinyl acetate	**140**	Q	**140**	Q	70-130	0		20
4-Methyl-2-pentanone	110		120		59-130	9		20
2-Hexanone	110		120		57-130	9		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2131020

Report Date: 06/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1512938-3 WG1512938-4								
Bromochloromethane	110		110		70-130	0		20
2,2-Dichloropropane	77		84		63-133	9		20
1,2-Dibromoethane	100		100		70-130	0		20
1,3-Dichloropropane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	100		99		64-130	1		20
Bromobenzene	94		96		70-130	2		20
n-Butylbenzene	90		92		53-136	2		20
sec-Butylbenzene	87		87		70-130	0		20
tert-Butylbenzene	86		89		70-130	3		20
o-Chlorotoluene	96		100		70-130	4		20
p-Chlorotoluene	96		95		70-130	1		20
1,2-Dibromo-3-chloropropane	94		110		41-144	16		20
Hexachlorobutadiene	97		100		63-130	3		20
Isopropylbenzene	83		83		70-130	0		20
p-Isopropyltoluene	86		88		70-130	2		20
Naphthalene	79		92		70-130	15		20
n-Propylbenzene	89		89		69-130	0		20
1,2,3-Trichlorobenzene	86		94		70-130	9		20
1,2,4-Trichlorobenzene	90		98		70-130	9		20
1,3,5-Trimethylbenzene	90		92		64-130	2		20
1,2,4-Trimethylbenzene	94		94		70-130	0		20
1,4-Dioxane	114		118		56-162	3		20
p-Diethylbenzene	88		86		70-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2131020

Report Date: 06/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1512938-3 WG1512938-4								
p-Ethyltoluene	88		90		70-130	2		20
1,2,4,5-Tetramethylbenzene	87		89		70-130	2		20
Ethyl ether	91		94		59-134	3		20
trans-1,4-Dichloro-2-butene	77		88		70-130	13		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	126		126		70-130
Toluene-d8	103		104		70-130
4-Bromofluorobenzene	99		101		70-130
Dibromofluoromethane	111		110		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 805 ATLANTIC AVE
Project Number: 170384501

Lab Number: L2131020
Report Date: 06/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1513467-3 WG1513467-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	100		110		70-130	10		20
Chloroform	95		95		70-130	0		20
Carbon tetrachloride	96		100		63-132	4		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	88		93		63-130	6		20
1,1,2-Trichloroethane	92		97		70-130	5		20
Tetrachloroethene	100		99		70-130	1		20
Chlorobenzene	94		96		75-130	2		20
Trichlorofluoromethane	100		110		62-150	10		20
1,2-Dichloroethane	93		92		70-130	1		20
1,1,1-Trichloroethane	91		88		67-130	3		20
Bromodichloromethane	88		92		67-130	4		20
trans-1,3-Dichloropropene	78		80		70-130	3		20
cis-1,3-Dichloropropene	83		85		70-130	2		20
1,1-Dichloropropene	92		92		70-130	0		20
Bromoform	91		94		54-136	3		20
1,1,2,2-Tetrachloroethane	92		95		67-130	3		20
Benzene	97		100		70-130	3		20
Toluene	92		95		70-130	3		20
Ethylbenzene	94		95		70-130	1		20
Chloromethane	100		100		64-130	0		20
Bromomethane	84		92		39-139	9		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 805 ATLANTIC AVE
Project Number: 170384501

Lab Number: L2131020
Report Date: 06/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1513467-3 WG1513467-4								
Vinyl chloride	130		120		55-140	8		20
Chloroethane	130		130		55-138	0		20
1,1-Dichloroethene	100		98		61-145	2		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	83		91		70-130	9		20
1,2-Dichlorobenzene	92		90		70-130	2		20
1,3-Dichlorobenzene	92		91		70-130	1		20
1,4-Dichlorobenzene	93		93		70-130	0		20
Methyl tert butyl ether	83		85		63-130	2		20
p/m-Xylene	95		90		70-130	5		20
o-Xylene	95		95		70-130	0		20
cis-1,2-Dichloroethene	98		94		70-130	4		20
Dibromomethane	88		90		70-130	2		20
1,2,3-Trichloropropane	89		90		64-130	1		20
Acrylonitrile	93		110		70-130	17		20
Styrene	95		95		70-130	0		20
Dichlorodifluoromethane	120		120		36-147	0		20
Acetone	90		110		58-148	20		20
Carbon disulfide	110		100		51-130	10		20
2-Butanone	95		80		63-138	17		20
Vinyl acetate	99		110		70-130	11		20
4-Methyl-2-pentanone	72		80		59-130	11		20
2-Hexanone	71		80		57-130	12		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2131020

Report Date: 06/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1513467-3 WG1513467-4								
Bromochloromethane	94		96		70-130	2		20
2,2-Dichloropropane	82		84		63-133	2		20
1,2-Dibromoethane	88		89		70-130	1		20
1,3-Dichloropropane	95		96		70-130	1		20
1,1,1,2-Tetrachloroethane	89		90		64-130	1		20
Bromobenzene	91		88		70-130	3		20
n-Butylbenzene	91		91		53-136	0		20
sec-Butylbenzene	91		90		70-130	1		20
tert-Butylbenzene	90		88		70-130	2		20
o-Chlorotoluene	94		92		70-130	2		20
p-Chlorotoluene	92		91		70-130	1		20
1,2-Dibromo-3-chloropropane	77		80		41-144	4		20
Hexachlorobutadiene	93		92		63-130	1		20
Isopropylbenzene	91		89		70-130	2		20
p-Isopropyltoluene	90		89		70-130	1		20
Naphthalene	74		76		70-130	3		20
n-Propylbenzene	94		94		69-130	0		20
1,2,3-Trichlorobenzene	85		86		70-130	1		20
1,2,4-Trichlorobenzene	85		85		70-130	0		20
1,3,5-Trimethylbenzene	92		90		64-130	2		20
1,2,4-Trimethylbenzene	90		87		70-130	3		20
1,4-Dioxane	70		68		56-162	3		20
p-Diethylbenzene	85		85		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2131020

Report Date: 06/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1513467-3 WG1513467-4								
p-Ethyltoluene	92		91		70-130	1		20
1,2,4,5-Tetramethylbenzene	79		79		70-130	0		20
Ethyl ether	98		100		59-134	2		20
trans-1,4-Dichloro-2-butene	**61**	Q	**64**	Q	70-130	5		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		106		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	95		92		70-130
Dibromofluoromethane	106		108		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: 805 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2131020

Report Date: 06/17/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1512938-6 WG1512938-7 QC Sample: L2131020-02 Client ID: MW-205_060921												
Methylene chloride	ND	200	220	110		220	110		70-130	0		20
1,1-Dichloroethane	ND	200	240	120		250	125		70-130	4		20
Chloroform	ND	200	240	120		240	120		70-130	0		20
Carbon tetrachloride	ND	200	200	100		210	105		63-132	5		20
1,2-Dichloropropane	ND	200	220	110		240	120		70-130	9		20
Dibromochloromethane	ND	200	200	100		210	105		63-130	5		20
1,1,2-Trichloroethane	ND	200	220	110		230	115		70-130	4		20
Tetrachloroethene	ND	200	190	95		190	95		70-130	0		20
Chlorobenzene	ND	200	190	95		200	100		75-130	5		20
Trichlorofluoromethane	ND	200	240	120		240	120		62-150	0		20
1,2-Dichloroethane	ND	200	240	120		250	125		70-130	4		20
1,1,1-Trichloroethane	ND	200	230	115		240	120		67-130	4		20
Bromodichloromethane	ND	200	220	110		230	115		67-130	4		20
trans-1,3-Dichloropropene	ND	200	160	80		160	80		70-130	0		20
cis-1,3-Dichloropropene	ND	200	170	85		180	90		70-130	6		20
1,1-Dichloropropene	ND	200	210	105		220	110		70-130	5		20
Bromoform	ND	200	190	95		190	95		54-136	0		20
1,1,2,2-Tetrachloroethane	ND	200	200	100		210	105		67-130	5		20
Benzene	ND	200	200	100		210	105		70-130	5		20
Toluene	ND	200	200	100		210	105		70-130	5		20
Ethylbenzene	1500	200	1500	**0**	Q	1500	**0**	Q	70-130	0		20
Chloromethane	ND	200	220	110		230	115		64-130	4		20
Bromomethane	ND	200	120	60		140	70		39-139	15		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 805 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2131020

Report Date: 06/17/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1512938-6 WG1512938-7 QC Sample: L2131020-02 Client ID: MW-205_060921												
Vinyl chloride	ND	200	200	100		220	110		55-140	10		20
Chloroethane	ND	200	190	95		220	110		55-138	15		20
1,1-Dichloroethene	ND	200	220	110		240	120		61-145	9		20
trans-1,2-Dichloroethene	ND	200	210	105		220	110		70-130	5		20
Trichloroethene	4.0J	200	200	100		200	100		70-130	0		20
1,2-Dichlorobenzene	ND	200	190	95		190	95		70-130	0		20
1,3-Dichlorobenzene	ND	200	190	95		190	95		70-130	0		20
1,4-Dichlorobenzene	ND	200	190	95		190	95		70-130	0		20
Methyl tert butyl ether	ND	200	160	80		160	80		63-130	0		20
p/m-Xylene	5900	400	5500	**0**	Q	5600	**0**	Q	70-130	2		20
o-Xylene	1100	400	1400	75		1400	75		70-130	0		20
cis-1,2-Dichloroethene	ND	200	210	105		230	115		70-130	9		20
Dibromomethane	ND	200	220	110		240	120		70-130	9		20
1,2,3-Trichloropropane	ND	200	230	115		240	120		64-130	4		20
Acrylonitrile	ND	200	290	**145**	Q	280	**140**	Q	70-130	4		20
Styrene	ND	400	390	98		400	100		70-130	3		20
Dichlorodifluoromethane	ND	200	150	75		140	70		36-147	7		20
Acetone	ND	200	350	**175**	Q	380	**190**	Q	58-148	8		20
Carbon disulfide	ND	200	210	105		220	110		51-130	5		20
2-Butanone	ND	200	250	125		240	120		63-138	4		20
Vinyl acetate	ND	200	280	**140**	Q	300	**150**	Q	70-130	7		20
4-Methyl-2-pentanone	ND	200	220	110		240	120		59-130	9		20
2-Hexanone	ND	200	230	115		240	120		57-130	4		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 805 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2131020
Report Date: 06/17/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1512938-6 WG1512938-7 QC Sample: L2131020-02 Client ID: MW-205_060921												
Bromochloromethane	ND	200	230	115		240	120		70-130	4		20
2,2-Dichloropropane	ND	200	100	**50**	Q	86	**43**	Q	63-133	15		20
1,2-Dibromoethane	ND	200	200	100		210	105		70-130	5		20
1,3-Dichloropropane	ND	200	200	100		220	110		70-130	10		20
1,1,1,2-Tetrachloroethane	ND	200	200	100		200	100		64-130	0		20
Bromobenzene	ND	200	190	95		200	100		70-130	5		20
n-Butylbenzene	22J	200	200	100		210	105		53-136	5		20
sec-Butylbenzene	23J	200	200	100		200	100		70-130	0		20
tert-Butylbenzene	ND	200	180	90		190	95		70-130	5		20
o-Chlorotoluene	ND	200	190	95		180	90		70-130	5		20
p-Chlorotoluene	ND	200	180	90		190	95		70-130	5		20
1,2-Dibromo-3-chloropropane	ND	200	190	95		200	100		41-144	5		20
Hexachlorobutadiene	ND	200	190	95		200	100		63-130	5		20
Isopropylbenzene	130	200	290	80		300	85		70-130	3		20
p-Isopropyltoluene	ND	200	210	105		190	95		70-130	10		20
Naphthalene	320	200	420	**50**	Q	480	80		70-130	13		20
n-Propylbenzene	400	200	520	**60**	Q	530	**65**	Q	69-130	2		20
1,2,3-Trichlorobenzene	ND	200	160	80		180	90		70-130	12		20
1,2,4-Trichlorobenzene	ND	200	180	90		200	100		70-130	11		20
1,3,5-Trimethylbenzene	700	200	800	**50**	Q	800	**50**	Q	64-130	0		20
1,2,4-Trimethylbenzene	3000	200	2700	**0**	Q	2800	**0**	Q	70-130	4		20
1,4-Dioxane	ND	10000	12000	120		12000	120		56-162	0		20
p-Diethylbenzene	250	200	230	**0**	Q	240	**0**	Q	70-130	4		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 805 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2131020

Report Date: 06/17/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1512938-6 WG1512938-7 QC Sample: L2131020-02 Client ID: MW-205_060921												
p-Ethyltoluene	2200	200	2100	**0**	Q	2100	**0**	Q	70-130	0		20
1,2,4,5-Tetramethylbenzene	80	200	250	85		280	100		70-130	11		20
Ethyl ether	ND	200	200	100		210	105		59-134	5		20
trans-1,4-Dichloro-2-butene	ND	200	100	**50**	Q	100	**50**	Q	70-130	0		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	130		128		70-130
4-Bromofluorobenzene	101		102		70-130
Dibromofluoromethane	111		112		70-130
Toluene-d8	103		105		70-130

Project Name: 805 ATLANTIC AVE
Project Number: 170384501

Lab Number: L2131020
Report Date: 06/17/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2131020-01A	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260(14)
L2131020-01B	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260(14)
L2131020-01C	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260(14)
L2131020-02A	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260(14)
L2131020-02A1	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260(14)
L2131020-02A2	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260(14)
L2131020-02B	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260(14)
L2131020-02B1	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260(14)
L2131020-02B2	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260(14)
L2131020-02C	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260(14)
L2131020-02C1	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260(14)
L2131020-02C2	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260(14)
L2131020-03A	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260(14)
L2131020-03B	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260(14)
L2131020-03C	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260(14)
L2131020-04A	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260(14)
L2131020-04B	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260(14)
L2131020-04C	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260(14)
L2131020-05A	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260(14)
L2131020-05B	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	805 ATLANTIC AVE	**Lab Number:**	L2131020
Project Number:	170384501	**Report Date:**	06/17/21

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	805 ATLANTIC AVE	**Lab Number:**	L2131020
Project Number:	170384501	**Report Date:**	06/17/21

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. (Note: 'PFAS, Total (6)' is applicable to MassDEP DW compliance analysis only.). If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	805 ATLANTIC AVE	**Lab Number:**	L2131020
Project Number:	170384501	**Report Date:**	06/17/21

Data Qualifiers

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers

Project Name:	805 ATLANTIC AVE	**Lab Number:**	L2131020
Project Number:	170384501	**Report Date:**	06/17/21

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 06/10/21

ALPHA Job #: L2131020

Client Information
Client: Langan
Address: 21 Penn Plaza 360 W 31st St. 8th Fl, New York NY
Phone: 212-479-5400
Fax:
Email: ksemon@langan.com

Project Information
Project Name: 805 Atlantic Ave
Project Location: Brooklyn, NY
Project #: 170384501
(Use Project name as Project #)
Project Manager: Kimberly Semon
ALPHAQuote #:

Turn-Around Time
Standard [X] Due Date:
Rush (only if pre approved) [ ] # of Days:

These samples have been previously analyzed by Alpha [ ]

Other project specific requirements/comments:
please also email to lesmail@langan.com and datamanagement@langan.com

Please specify Metals or TAL.

Deliverables
[ ] ASP-A [X] ASP-B
[ ] EQuIS (1 File) [ ] EQuIS (4 File)
[ ] Other

Regulatory Requirement
[ ] NY TOGS [X] NY Part 375
[ ] AWQ Standards [ ] NY CP-51
[ ] NY Restricted Use [ ] Other
[ ] NY Unrestricted Use
[ ] NYC Sewer Discharge

Billing Information
[X] Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
[ ] NJ [ ] NY
[ ] Other:

Sample Filtration
[ ] Done
[ ] Lab to do
Preservation
[ ] Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: Part 375 VOCs	Sample Specific Comments	Total Bottle
31020 -01	MW-204_060921	06/09/21	1405	GW	TZ	X		
-02	MW-205_060921		1120			X	run MS/MSD	
-03	DUP01-060921					X		
-04	FB01-060921		1550			X		
-05	TB01-060921					X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type								
Preservative								

Relinquished By:	Date/Time	Received By:	Date/Time
Tyler Zorn	06/09/21 16:10		
	6/9/21 18:45		6/9/21 18:05
	6/10/21 0025		6/10/21 0025

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2131371
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Kimberly Semon
Phone:	(212) 479-5486
Project Name:	805 ATLANTIC AVE
Project Number:	170384501
Report Date:	06/17/21

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Project Name: 805 ATLANTIC AVE
Project Number: 170384501

Lab Number: L2131371
Report Date: 06/17/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2131371-01	MW-203_061021	WATER	BROOKLYN, NY	06/10/21 14:10	06/10/21
L2131371-02	TB01_061021	WATER	BROOKLYN, NY	06/10/21 00:00	06/10/21

Project Name:	805 ATLANTIC AVE	**Lab Number:**	L2131371
Project Number:	170384501	**Report Date:**	06/17/21

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	805 ATLANTIC AVE	**Lab Number:**	L2131371
Project Number:	170384501	**Report Date:**	06/17/21

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cristin Walker

Title: Technical Director/Representative Date: 06/17/21

ORGANICS

VOLATILES

Project Name: 805 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2131371
Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2131371-01
Client ID: MW-203_061021
Sample Location: BROOKLYN, NY

Date Collected: 06/10/21 14:10
Date Received: 06/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 06/16/21 22:25
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 805 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2131371
Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2131371-01
Client ID: MW-203_061021
Sample Location: BROOKLYN, NY
Date Collected: 06/10/21 14:10
Date Received: 06/10/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 805 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2131371
Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2131371-01
Client ID: MW-203_061021
Sample Location: BROOKLYN, NY
Date Collected: 06/10/21 14:10
Date Received: 06/10/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	116		70-130

Project Name: 805 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2131371
Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2131371-02
Client ID: TB01_061021
Sample Location: BROOKLYN, NY

Date Collected: 06/10/21 00:00
Date Received: 06/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 06/16/21 21:08
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 805 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2131371
Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2131371-02
Client ID: TB01_061021
Sample Location: BROOKLYN, NY
Date Collected: 06/10/21 00:00
Date Received: 06/10/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 805 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2131371
Report Date: 06/17/21

SAMPLE RESULTS

Lab ID: L2131371-02
Client ID: TB01_061021
Sample Location: BROOKLYN, NY
Date Collected: 06/10/21 00:00
Date Received: 06/10/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	122		70-130

Project Name: 805 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2131371
Report Date: 06/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/16/21 20:19
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1513455-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 805 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2131371
Report Date: 06/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/16/21 20:19
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1513455-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 805 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2131371
Report Date: 06/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/16/21 20:19
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1513455-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	119		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2131371

Report Date: 06/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1513455-3 WG1513455-4								
Methylene chloride	90		88		70-130	2		20
1,1-Dichloroethane	90		91		70-130	1		20
Chloroform	98		95		70-130	3		20
Carbon tetrachloride	120		120		63-132	0		20
1,2-Dichloropropane	85		84		70-130	1		20
Dibromochloromethane	100		100		63-130	0		20
1,1,2-Trichloroethane	86		81		70-130	6		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	88		86		75-130	2		20
Trichlorofluoromethane	120		120		62-150	0		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	97		98		67-130	1		20
trans-1,3-Dichloropropene	84		80		70-130	5		20
cis-1,3-Dichloropropene	91		90		70-130	1		20
1,1-Dichloropropene	90		90		70-130	0		20
Bromoform	110		100		54-136	10		20
1,1,2,2-Tetrachloroethane	82		81		67-130	1		20
Benzene	88		87		70-130	1		20
Toluene	86		84		70-130	2		20
Ethylbenzene	87		88		70-130	1		20
Chloromethane	77		77		64-130	0		20
Bromomethane	60		62		39-139	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2131371

Report Date: 06/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1513455-3 WG1513455-4								
Vinyl chloride	77		78		55-140	1		20
Chloroethane	74		76		55-138	3		20
1,1-Dichloroethene	94		94		61-145	0		20
trans-1,2-Dichloroethene	92		94		70-130	2		20
Trichloroethene	94		96		70-130	2		20
1,2-Dichlorobenzene	88		89		70-130	1		20
1,3-Dichlorobenzene	87		90		70-130	3		20
1,4-Dichlorobenzene	87		87		70-130	0		20
Methyl tert butyl ether	94		92		63-130	2		20
p/m-Xylene	85		90		70-130	6		20
o-Xylene	85		85		70-130	0		20
cis-1,2-Dichloroethene	93		93		70-130	0		20
Dibromomethane	96		92		70-130	4		20
1,2,3-Trichloropropane	82		80		64-130	2		20
Acrylonitrile	92		88		70-130	4		20
Styrene	90		85		70-130	6		20
Dichlorodifluoromethane	100		100		36-147	0		20
Acetone	78		66		58-148	17		20
Carbon disulfide	91		90		51-130	1		20
2-Butanone	90		84		63-138	7		20
Vinyl acetate	110		100		70-130	10		20
4-Methyl-2-pentanone	85		78		59-130	9		20
2-Hexanone	79		77		57-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2131371

Report Date: 06/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1513455-3 WG1513455-4								
Bromochloromethane	110		100		70-130	10		20
2,2-Dichloropropane	110		110		63-133	0		20
1,2-Dibromoethane	93		91		70-130	2		20
1,3-Dichloropropane	84		82		70-130	2		20
1,1,1,2-Tetrachloroethane	97		97		64-130	0		20
Bromobenzene	92		96		70-130	4		20
n-Butylbenzene	79		82		53-136	4		20
sec-Butylbenzene	79		81		70-130	3		20
tert-Butylbenzene	76		80		70-130	5		20
o-Chlorotoluene	79		81		70-130	3		20
p-Chlorotoluene	81		82		70-130	1		20
1,2-Dibromo-3-chloropropane	99		97		41-144	2		20
Hexachlorobutadiene	120		120		63-130	0		20
Isopropylbenzene	80		83		70-130	4		20
p-Isopropyltoluene	81		84		70-130	4		20
Naphthalene	89		89		70-130	0		20
n-Propylbenzene	77		80		69-130	4		20
1,2,3-Trichlorobenzene	97		98		70-130	1		20
1,2,4-Trichlorobenzene	95		96		70-130	1		20
1,3,5-Trimethylbenzene	81		85		64-130	5		20
1,2,4-Trimethylbenzene	83		85		70-130	2		20
1,4-Dioxane	102		98		56-162	4		20
p-Diethylbenzene	80		82		70-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2131371

Report Date: 06/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1513455-3 WG1513455-4								
p-Ethyltoluene	80		83		70-130	4		20
1,2,4,5-Tetramethylbenzene	78		82		70-130	5		20
Ethyl ether	81		82		59-134	1		20
trans-1,4-Dichloro-2-butene	94		86		70-130	9		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	111		111		70-130
Toluene-d8	96		95		70-130
4-Bromofluorobenzene	89		91		70-130
Dibromofluoromethane	109		111		70-130

Project Name: 805 ATLANTIC AVE
Project Number: 170384501

Lab Number: L2131371
Report Date: 06/17/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2131371-01A	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)
L2131371-01B	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)
L2131371-01C	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)
L2131371-02A	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)
L2131371-02B	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	805 ATLANTIC AVE	**Lab Number:**	L2131371
Project Number:	170384501	**Report Date:**	06/17/21

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	805 ATLANTIC AVE	**Lab Number:**	L2131371
Project Number:	170384501	**Report Date:**	06/17/21

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. (Note: 'PFAS, Total (6)' is applicable to MassDEP DW compliance analysis only.). If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	805 ATLANTIC AVE	**Lab Number:**	L2131371
Project Number:	170384501	**Report Date:**	06/17/21

Data Qualifiers

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers

Project Name:	805 ATLANTIC AVE	**Lab Number:**	L2131371
Project Number:	170384501	**Report Date:**	06/17/21

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 5/11/21

ALPHA Job #: L2131371

Project Information
Project Name: 805 Atlantic Ave.
Project Location: Brooklyn, NY
Project # 170384501
(Use Project name as Project #) ☐
Project Manager: Kimberly Semon
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Client Information
Client: Langan
Address: 21 Penn Plaza, 360 W 31st St., 8th Fl., New York, NY 10001
Phone: 212-479-5400
Fax:
Email: KSemon@langan.com

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
please also email lesmail@langan.com, and datamanagement@langan.com

Please specify Metals or TAL.

ANALYSIS
Part 375/TCL VOCs

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Part 375/TCL VOCs	Sample Specific Comments
31371-01	MW-203_061021	06/10/21	14:10	GW	TZ	X	
02	TB01_061021			↓		X	

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Tyler Zorn	06/10/21 1550		6/10 1550
	6/10/21 1950		6/10/21 2000
	6/11/21 0045		6/11/21 00:45

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2155791
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Kimberly Semon
Phone:	(212) 479-5486
Project Name:	805-825 ATLANTIC AVE
Project Number:	170384501
Report Date:	11/04/21

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501

Lab Number: L2155791
Report Date: 11/04/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2155791-01	FB01_101321	WATER	BROOKLYN, NY	10/13/21 09:30	10/13/21
L2155791-02	MW-203_10292021	WATER	BROOKLYN, NY	10/29/21 09:20	10/29/21
L2155791-03	MW-204_10292021	WATER	BROOKLYN, NY	10/29/21 09:30	10/29/21
L2155791-04	MW-205_10292021	WATER	BROOKLYN, NY	10/29/21 09:50	10/29/21
L2155791-05	DUP01_10292021	WATER	BROOKLYN, NY	10/29/21 00:00	10/29/21
L2155791-06	DUP02_10292021	WATER	BROOKLYN, NY	10/29/21 00:00	10/29/21
L2155791-07	FB01_10292021	WATER	BROOKLYN, NY	10/29/21 10:05	10/29/21
L2155791-08	TB01_10292021	WATER	BROOKLYN, NY	10/29/21 00:00	10/29/21

Project Name:	805-825 ATLANTIC AVE	**Lab Number:**	L2155791
Project Number:	170384501	**Report Date:**	11/04/21

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	805-825 ATLANTIC AVE	**Lab Number:**	L2155791
Project Number:	170384501	**Report Date:**	11/04/21

Case Narrative (continued)

Report Submission

November 04, 2021: This final report includes the results of all requested analyses.

October 19, 2021: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cristin Walker

Title: Technical Director/Representative Date: 11/04/21

ORGANICS

VOLATILES

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2155791
Report Date: 11/04/21

SAMPLE RESULTS

Lab ID: L2155791-01
Client ID: FB01_101321
Sample Location: BROOKLYN, NY

Date Collected: 10/13/21 09:30
Date Received: 10/13/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/15/21 09:32
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVE **Lab Number:** L2155791

Project Number: 170384501 **Report Date:** 11/04/21

SAMPLE RESULTS

Lab ID: L2155791-01 Date Collected: 10/13/21 09:30

Client ID: FB01_101321 Date Received: 10/13/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.9	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2155791
Report Date: 11/04/21

SAMPLE RESULTS

Lab ID: L2155791-01
Client ID: FB01_101321
Sample Location: BROOKLYN, NY
Date Collected: 10/13/21 09:30
Date Received: 10/13/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	121		70-130

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2155791
Report Date: 11/04/21

SAMPLE RESULTS

Lab ID: L2155791-02
Client ID: MW-203_10292021
Sample Location: BROOKLYN, NY

Date Collected: 10/29/21 09:20
Date Received: 10/29/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 11/02/21 09:00
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVE **Lab Number:** L2155791

Project Number: 170384501 **Report Date:** 11/04/21

SAMPLE RESULTS

Lab ID: L2155791-02 Date Collected: 10/29/21 09:20

Client ID: MW-203_10292021 Date Received: 10/29/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	6.7		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2155791
Report Date: 11/04/21

SAMPLE RESULTS

Lab ID: L2155791-02
Client ID: MW-203_10292021
Sample Location: BROOKLYN, NY
Date Collected: 10/29/21 09:20
Date Received: 10/29/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	106		70-130

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2155791
Report Date: 11/04/21

SAMPLE RESULTS

Lab ID: L2155791-03
Client ID: MW-204_10292021
Sample Location: BROOKLYN, NY

Date Collected: 10/29/21 09:30
Date Received: 10/29/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 11/02/21 09:27
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	36		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVE **Lab Number:** L2155791

Project Number: 170384501 **Report Date:** 11/04/21

SAMPLE RESULTS

Lab ID: L2155791-03 Date Collected: 10/29/21 09:30

Client ID: MW-204_10292021 Date Received: 10/29/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	4.4		ug/l	2.5	0.70	1
o-Xylene	13		ug/l	2.5	0.70	1
Xylenes, Total	17		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	5.0		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	3.1		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	3.8		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2155791
Report Date: 11/04/21

SAMPLE RESULTS

Lab ID: L2155791-03
Client ID: MW-204_10292021
Sample Location: BROOKLYN, NY
Date Collected: 10/29/21 09:30
Date Received: 10/29/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	6.7		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	9.8		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	64		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	2.0		ug/l	2.0	0.70	1
p-Ethyltoluene	5.4		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	0.62	J	ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	106		70-130

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2155791
Report Date: 11/04/21

SAMPLE RESULTS

Lab ID: L2155791-04 D
Client ID: MW-205_10292021
Sample Location: BROOKLYN, NY

Date Collected: 10/29/21 09:50
Date Received: 10/29/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 11/02/21 09:53
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	50	14.	20
1,1-Dichloroethane	ND		ug/l	50	14.	20
Chloroform	ND		ug/l	50	14.	20
Carbon tetrachloride	ND		ug/l	10	2.7	20
1,2-Dichloropropane	ND		ug/l	20	2.7	20
Dibromochloromethane	ND		ug/l	10	3.0	20
1,1,2-Trichloroethane	ND		ug/l	30	10.	20
Tetrachloroethene	ND		ug/l	10	3.6	20
Chlorobenzene	ND		ug/l	50	14.	20
Trichlorofluoromethane	ND		ug/l	50	14.	20
1,2-Dichloroethane	ND		ug/l	10	2.6	20
1,1,1-Trichloroethane	ND		ug/l	50	14.	20
Bromodichloromethane	ND		ug/l	10	3.8	20
trans-1,3-Dichloropropene	ND		ug/l	10	3.3	20
cis-1,3-Dichloropropene	ND		ug/l	10	2.9	20
1,3-Dichloropropene, Total	ND		ug/l	10	2.9	20
1,1-Dichloropropene	ND		ug/l	50	14.	20
Bromoform	ND		ug/l	40	13.	20
1,1,2,2-Tetrachloroethane	ND		ug/l	10	3.3	20
Benzene	ND		ug/l	10	3.2	20
Toluene	ND		ug/l	50	14.	20
Ethylbenzene	1300		ug/l	50	14.	20
Chloromethane	ND		ug/l	50	14.	20
Bromomethane	ND		ug/l	50	14.	20
Vinyl chloride	ND		ug/l	20	1.4	20
Chloroethane	ND		ug/l	50	14.	20
1,1-Dichloroethene	ND		ug/l	10	3.4	20
trans-1,2-Dichloroethene	ND		ug/l	50	14.	20

Project Name: 805-825 ATLANTIC AVE **Lab Number:** L2155791

Project Number: 170384501 **Report Date:** 11/04/21

SAMPLE RESULTS

Lab ID: L2155791-04 D Date Collected: 10/29/21 09:50

Client ID: MW-205_10292021 Date Received: 10/29/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	10	3.5	20
1,2-Dichlorobenzene	ND		ug/l	50	14.	20
1,3-Dichlorobenzene	ND		ug/l	50	14.	20
1,4-Dichlorobenzene	ND		ug/l	50	14.	20
Methyl tert butyl ether	ND		ug/l	50	14.	20
p/m-Xylene	4300		ug/l	50	14.	20
o-Xylene	1300		ug/l	50	14.	20
Xylenes, Total	5600		ug/l	50	14.	20
cis-1,2-Dichloroethene	ND		ug/l	50	14.	20
1,2-Dichloroethene, Total	ND		ug/l	50	14.	20
Dibromomethane	ND		ug/l	100	20.	20
1,2,3-Trichloropropane	ND		ug/l	50	14.	20
Acrylonitrile	ND		ug/l	100	30.	20
Styrene	ND		ug/l	50	14.	20
Dichlorodifluoromethane	ND		ug/l	100	20.	20
Acetone	68	J	ug/l	100	29.	20
Carbon disulfide	ND		ug/l	100	20.	20
2-Butanone	ND		ug/l	100	39.	20
Vinyl acetate	ND		ug/l	100	20.	20
4-Methyl-2-pentanone	ND		ug/l	100	20.	20
2-Hexanone	ND		ug/l	100	20.	20
Bromochloromethane	ND		ug/l	50	14.	20
2,2-Dichloropropane	ND		ug/l	50	14.	20
1,2-Dibromoethane	ND		ug/l	40	13.	20
1,3-Dichloropropane	ND		ug/l	50	14.	20
1,1,1,2-Tetrachloroethane	ND		ug/l	50	14.	20
Bromobenzene	ND		ug/l	50	14.	20
n-Butylbenzene	ND		ug/l	50	14.	20
sec-Butylbenzene	ND		ug/l	50	14.	20
tert-Butylbenzene	ND		ug/l	50	14.	20
o-Chlorotoluene	ND		ug/l	50	14.	20
p-Chlorotoluene	ND		ug/l	50	14.	20
1,2-Dibromo-3-chloropropane	ND		ug/l	50	14.	20
Hexachlorobutadiene	ND		ug/l	50	14.	20
Isopropylbenzene	90		ug/l	50	14.	20
p-Isopropyltoluene	ND		ug/l	50	14.	20
Naphthalene	240		ug/l	50	14.	20

Project Name: 805-825 ATLANTIC AVE **Lab Number:** L2155791

Project Number: 170384501 **Report Date:** 11/04/21

SAMPLE RESULTS

Lab ID: L2155791-04 D
Client ID: MW-205_10292021
Sample Location: BROOKLYN, NY

Date Collected: 10/29/21 09:50
Date Received: 10/29/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	250		ug/l	50	14.	20
1,2,3-Trichlorobenzene	ND		ug/l	50	14.	20
1,2,4-Trichlorobenzene	ND		ug/l	50	14.	20
1,3,5-Trimethylbenzene	390		ug/l	50	14.	20
1,2,4-Trimethylbenzene	2000		ug/l	50	14.	20
1,4-Dioxane	ND		ug/l	5000	1200	20
p-Diethylbenzene	64		ug/l	40	14.	20
p-Ethyltoluene	1600		ug/l	40	14.	20
1,2,4,5-Tetramethylbenzene	22	J	ug/l	40	11.	20
Ethyl ether	ND		ug/l	50	14.	20
trans-1,4-Dichloro-2-butene	ND		ug/l	50	14.	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	105		70-130

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2155791
Report Date: 11/04/21

SAMPLE RESULTS

Lab ID: L2155791-05 D
Client ID: DUP01_10292021
Sample Location: BROOKLYN, NY

Date Collected: 10/29/21 00:00
Date Received: 10/29/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 11/02/21 21:24
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	25	7.0	10
1,1-Dichloroethane	ND		ug/l	25	7.0	10
Chloroform	ND		ug/l	25	7.0	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
1,2-Dichloropropane	ND		ug/l	10	1.4	10
Dibromochloromethane	ND		ug/l	5.0	1.5	10
1,1,2-Trichloroethane	ND		ug/l	15	5.0	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	25	7.0	10
Trichlorofluoromethane	ND		ug/l	25	7.0	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
1,1,1-Trichloroethane	ND		ug/l	25	7.0	10
Bromodichloromethane	ND		ug/l	5.0	1.9	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	1.6	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	1.4	10
1,3-Dichloropropene, Total	ND		ug/l	5.0	1.4	10
1,1-Dichloropropene	ND		ug/l	25	7.0	10
Bromoform	ND		ug/l	20	6.5	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	1.7	10
Benzene	ND		ug/l	5.0	1.6	10
Toluene	14	J	ug/l	25	7.0	10
Ethylbenzene	1300		ug/l	25	7.0	10
Chloromethane	ND		ug/l	25	7.0	10
Bromomethane	ND		ug/l	25	7.0	10
Vinyl chloride	ND		ug/l	10	0.71	10
Chloroethane	ND		ug/l	25	7.0	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
trans-1,2-Dichloroethene	ND		ug/l	25	7.0	10

Project Name: 805-825 ATLANTIC AVE **Lab Number:** L2155791

Project Number: 170384501 **Report Date:** 11/04/21

SAMPLE RESULTS

Lab ID: L2155791-05 D Date Collected: 10/29/21 00:00

Client ID: DUP01_10292021 Date Received: 10/29/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	5.0	1.8	10
1,2-Dichlorobenzene	ND		ug/l	25	7.0	10
1,3-Dichlorobenzene	ND		ug/l	25	7.0	10
1,4-Dichlorobenzene	ND		ug/l	25	7.0	10
Methyl tert butyl ether	ND		ug/l	25	7.0	10
p/m-Xylene	3700		ug/l	25	7.0	10
o-Xylene	1200		ug/l	25	7.0	10
Xylenes, Total	4900		ug/l	25	7.0	10
cis-1,2-Dichloroethene	ND		ug/l	25	7.0	10
1,2-Dichloroethene, Total	ND		ug/l	25	7.0	10
Dibromomethane	ND		ug/l	50	10.	10
1,2,3-Trichloropropane	ND		ug/l	25	7.0	10
Acrylonitrile	ND		ug/l	50	15.	10
Styrene	ND		ug/l	25	7.0	10
Dichlorodifluoromethane	ND		ug/l	50	10.	10
Acetone	72		ug/l	50	15.	10
Carbon disulfide	ND		ug/l	50	10.	10
2-Butanone	ND		ug/l	50	19.	10
Vinyl acetate	ND		ug/l	50	10.	10
4-Methyl-2-pentanone	ND		ug/l	50	10.	10
2-Hexanone	ND		ug/l	50	10.	10
Bromochloromethane	ND		ug/l	25	7.0	10
2,2-Dichloropropane	ND		ug/l	25	7.0	10
1,2-Dibromoethane	ND		ug/l	20	6.5	10
1,3-Dichloropropane	ND		ug/l	25	7.0	10
1,1,1,2-Tetrachloroethane	ND		ug/l	25	7.0	10
Bromobenzene	ND		ug/l	25	7.0	10
n-Butylbenzene	ND		ug/l	25	7.0	10
sec-Butylbenzene	ND		ug/l	25	7.0	10
tert-Butylbenzene	ND		ug/l	25	7.0	10
o-Chlorotoluene	ND		ug/l	25	7.0	10
p-Chlorotoluene	ND		ug/l	25	7.0	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25	7.0	10
Hexachlorobutadiene	ND		ug/l	25	7.0	10
Isopropylbenzene	70		ug/l	25	7.0	10
p-Isopropyltoluene	ND		ug/l	25	7.0	10
Naphthalene	190		ug/l	25	7.0	10

Project Name: 805-825 ATLANTIC AVE **Lab Number:** L2155791

Project Number: 170384501 **Report Date:** 11/04/21

SAMPLE RESULTS

Lab ID: L2155791-05 D Date Collected: 10/29/21 00:00

Client ID: DUP01_10292021 Date Received: 10/29/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	190		ug/l	25	7.0	10
1,2,3-Trichlorobenzene	ND		ug/l	25	7.0	10
1,2,4-Trichlorobenzene	ND		ug/l	25	7.0	10
1,3,5-Trimethylbenzene	260		ug/l	25	7.0	10
1,2,4-Trimethylbenzene	1500		ug/l	25	7.0	10
1,4-Dioxane	ND		ug/l	2500	610	10
p-Diethylbenzene	39		ug/l	20	7.0	10
p-Ethyltoluene	1100		ug/l	20	7.0	10
1,2,4,5-Tetramethylbenzene	14	J	ug/l	20	5.4	10
Ethyl ether	ND		ug/l	25	7.0	10
trans-1,4-Dichloro-2-butene	ND		ug/l	25	7.0	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	104		70-130

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2155791
Report Date: 11/04/21

SAMPLE RESULTS

Lab ID: L2155791-07
Client ID: FB01_10292021
Sample Location: BROOKLYN, NY

Date Collected: 10/29/21 10:05
Date Received: 10/29/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 11/02/21 08:06
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVE **Lab Number:** L2155791

Project Number: 170384501 **Report Date:** 11/04/21

SAMPLE RESULTS

Lab ID: L2155791-07 Date Collected: 10/29/21 10:05

Client ID: FB01_10292021 Date Received: 10/29/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2155791
Report Date: 11/04/21

SAMPLE RESULTS

Lab ID: L2155791-07
Client ID: FB01_10292021
Sample Location: BROOKLYN, NY
Date Collected: 10/29/21 10:05
Date Received: 10/29/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	105		70-130

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2155791
Report Date: 11/04/21

SAMPLE RESULTS

Lab ID: L2155791-08
Client ID: TB01_10292021
Sample Location: BROOKLYN, NY

Date Collected: 10/29/21 00:00
Date Received: 10/29/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 11/02/21 08:33
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVE **Lab Number:** L2155791

Project Number: 170384501 **Report Date:** 11/04/21

SAMPLE RESULTS

Lab ID: L2155791-08 Date Collected: 10/29/21 00:00

Client ID: TB01_10292021 Date Received: 10/29/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVE **Lab Number:** L2155791

Project Number: 170384501 **Report Date:** 11/04/21

SAMPLE RESULTS

Lab ID: L2155791-08 Date Collected: 10/29/21 00:00

Client ID: TB01_10292021 Date Received: 10/29/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	105		70-130

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2155791
Report Date: 11/04/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/15/21 09:05
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1559512-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2155791
Report Date: 11/04/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/15/21 09:05
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1559512-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2155791
Report Date: 11/04/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/15/21 09:05
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1559512-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	122		70-130

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2155791
Report Date: 11/04/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/02/21 07:40
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-04,07-08 Batch: WG1566323-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2155791
Report Date: 11/04/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/02/21 07:40
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-04,07-08 Batch: WG1566323-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2155791
Report Date: 11/04/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/02/21 07:40
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-04,07-08 Batch: WG1566323-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	104		70-130

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2155791
Report Date: 11/04/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/02/21 20:57
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1566611-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2155791
Report Date: 11/04/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/02/21 20:57
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1566611-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2155791
Report Date: 11/04/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/02/21 20:57
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1566611-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	105		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501

Lab Number: L2155791
Report Date: 11/04/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1559512-3 WG1559512-4								
Methylene chloride	120		120		70-130	0		20
1,1-Dichloroethane	120		120		70-130	0		20
Chloroform	110		120		70-130	9		20
Carbon tetrachloride	110		110		63-132	0		20
1,2-Dichloropropane	98		110		70-130	12		20
Dibromochloromethane	95		100		63-130	5		20
1,1,2-Trichloroethane	79		87		70-130	10		20
Tetrachloroethene	90		96		70-130	6		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	100		110		67-130	10		20
trans-1,3-Dichloropropene	80		86		70-130	7		20
cis-1,3-Dichloropropene	96		100		70-130	4		20
1,1-Dichloropropene	100		110		70-130	10		20
Bromoform	90		97		54-136	7		20
1,1,2,2-Tetrachloroethane	92		96		67-130	4		20
Benzene	98		100		70-130	2		20
Toluene	96		99		70-130	3		20
Ethylbenzene	96		98		70-130	2		20
Chloromethane	96		91		64-130	5		20
Bromomethane	120		120		39-139	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2155791

Report Date: 11/04/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1559512-3 WG1559512-4								
Vinyl chloride	100		97		55-140	3		20
Chloroethane	130		130		55-138	0		20
1,1-Dichloroethene	110		110		61-145	0		20
trans-1,2-Dichloroethene	120		110		70-130	9		20
Trichloroethene	100		110		70-130	10		20
1,2-Dichlorobenzene	96		100		70-130	4		20
1,3-Dichlorobenzene	99		100		70-130	1		20
1,4-Dichlorobenzene	96		100		70-130	4		20
Methyl tert butyl ether	90		96		63-130	6		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	110		110		70-130	0		20
Dibromomethane	120		110		70-130	9		20
1,2,3-Trichloropropane	89		95		64-130	7		20
Acrylonitrile	120		110		70-130	9		20
Styrene	95		95		70-130	0		20
Dichlorodifluoromethane	79		75		36-147	5		20
Acetone	110		110		58-148	0		20
Carbon disulfide	110		110		51-130	0		20
2-Butanone	94		95		63-138	1		20
Vinyl acetate	84		89		70-130	6		20
4-Methyl-2-pentanone	81		88		59-130	8		20
2-Hexanone	77		89		57-130	14		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2155791

Report Date: 11/04/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1559512-3 WG1559512-4								
Bromochloromethane	120		120		70-130	0		20
2,2-Dichloropropane	110		110		63-133	0		20
1,2-Dibromoethane	89		92		70-130	3		20
1,3-Dichloropropane	91		100		70-130	9		20
1,1,1,2-Tetrachloroethane	89		98		64-130	10		20
Bromobenzene	92		98		70-130	6		20
n-Butylbenzene	95		99		53-136	4		20
sec-Butylbenzene	97		98		70-130	1		20
tert-Butylbenzene	99		98		70-130	1		20
o-Chlorotoluene	91		93		70-130	2		20
p-Chlorotoluene	90		92		70-130	2		20
1,2-Dibromo-3-chloropropane	81		100		41-144	**21**	Q	20
Hexachlorobutadiene	90		88		63-130	2		20
Isopropylbenzene	91		92		70-130	1		20
p-Isopropyltoluene	93		97		70-130	4		20
Naphthalene	72		83		70-130	14		20
n-Propylbenzene	92		94		69-130	2		20
1,2,3-Trichlorobenzene	75		86		70-130	14		20
1,2,4-Trichlorobenzene	86		92		70-130	7		20
1,3,5-Trimethylbenzene	83		87		64-130	5		20
1,2,4-Trimethylbenzene	86		86		70-130	0		20
1,4-Dioxane	**170**	Q	**166**	Q	56-162	2		20
p-Diethylbenzene	92		95		70-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2155791

Report Date: 11/04/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1559512-3 WG1559512-4								
p-Ethyltoluene	91		95		70-130	4		20
1,2,4,5-Tetramethylbenzene	86		88		70-130	2		20
Ethyl ether	100		100		59-134	0		20
trans-1,4-Dichloro-2-butene	80		81		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		105		70-130
Toluene-d8	101		101		70-130
4-Bromofluorobenzene	92		87		70-130
Dibromofluoromethane	115		114		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501

Lab Number: L2155791
Report Date: 11/04/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04,07-08 Batch: WG1566323-3 WG1566323-4								
Methylene chloride	96		94		70-130	2		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	100		110		70-130	10		20
Carbon tetrachloride	110		110		63-132	0		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	96		95		63-130	1		20
1,1,2-Trichloroethane	92		91		70-130	1		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	100		98		75-130	2		20
Trichlorofluoromethane	130		120		62-150	8		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	100		98		67-130	2		20
trans-1,3-Dichloropropene	96		94		70-130	2		20
cis-1,3-Dichloropropene	95		94		70-130	1		20
1,1-Dichloropropene	110		100		70-130	10		20
Bromoform	93		92		54-136	1		20
1,1,2,2-Tetrachloroethane	100		95		67-130	5		20
Benzene	99		97		70-130	2		20
Toluene	98		96		70-130	2		20
Ethylbenzene	97		95		70-130	2		20
Chloromethane	110		110		64-130	0		20
Bromomethane	72		69		39-139	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2155791

Report Date: 11/04/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04,07-08 Batch: WG1566323-3 WG1566323-4								
Vinyl chloride	110		110		55-140	0		20
Chloroethane	120		120		55-138	0		20
1,1-Dichloroethene	110		100		61-145	10		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	96		97		70-130	1		20
1,2-Dichlorobenzene	99		95		70-130	4		20
1,3-Dichlorobenzene	99		97		70-130	2		20
1,4-Dichlorobenzene	100		95		70-130	5		20
Methyl tert butyl ether	95		97		63-130	2		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	100		97		70-130	3		20
Dibromomethane	100		100		70-130	0		20
1,2,3-Trichloropropane	99		95		64-130	4		20
Acrylonitrile	110		110		70-130	0		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	110		110		36-147	0		20
Acetone	87		84		58-148	4		20
Carbon disulfide	120		110		51-130	9		20
2-Butanone	110		110		63-138	0		20
Vinyl acetate	**150**	Q	**140**	Q	70-130	7		20
4-Methyl-2-pentanone	86		87		59-130	1		20
2-Hexanone	86		86		57-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2155791

Report Date: 11/04/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04,07-08 Batch: WG1566323-3 WG1566323-4								
Bromochloromethane	100		97		70-130	3		20
2,2-Dichloropropane	120		120		63-133	0		20
1,2-Dibromoethane	95		88		70-130	8		20
1,3-Dichloropropane	100		99		70-130	1		20
1,1,1,2-Tetrachloroethane	98		97		64-130	1		20
Bromobenzene	100		97		70-130	3		20
n-Butylbenzene	100		100		53-136	0		20
sec-Butylbenzene	100		100		70-130	0		20
tert-Butylbenzene	99		97		70-130	2		20
o-Chlorotoluene	96		94		70-130	2		20
p-Chlorotoluene	96		93		70-130	3		20
1,2-Dibromo-3-chloropropane	81		86		41-144	6		20
Hexachlorobutadiene	89		91		63-130	2		20
Isopropylbenzene	99		97		70-130	2		20
p-Isopropyltoluene	98		96		70-130	2		20
Naphthalene	88		87		70-130	1		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	100		100		70-130	0		20
1,2,4-Trichlorobenzene	98		93		70-130	5		20
1,3,5-Trimethylbenzene	99		96		64-130	3		20
1,2,4-Trimethylbenzene	97		94		70-130	3		20
1,4-Dioxane	84		80		56-162	5		20
p-Diethylbenzene	100		98		70-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2155791

Report Date: 11/04/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04,07-08 Batch: WG1566323-3 WG1566323-4								
p-Ethyltoluene	100		100		70-130	0		20
1,2,4,5-Tetramethylbenzene	88		86		70-130	2		20
Ethyl ether	100		96		59-134	4		20
trans-1,4-Dichloro-2-butene	81		80		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	112		112		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	96		96		70-130
Dibromofluoromethane	106		103		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2155791

Report Date: 11/04/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1566611-3 WG1566611-4								
Methylene chloride	88		86		70-130	2		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	94		96		70-130	2		20
Carbon tetrachloride	99		99		63-132	0		20
1,2-Dichloropropane	96		94		70-130	2		20
Dibromochloromethane	89		90		63-130	1		20
1,1,2-Trichloroethane	88		86		70-130	2		20
Tetrachloroethene	92		91		70-130	1		20
Chlorobenzene	92		92		75-130	0		20
Trichlorofluoromethane	100		100		62-150	0		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	97		94		67-130	3		20
Bromodichloromethane	92		93		67-130	1		20
trans-1,3-Dichloropropene	87		86		70-130	1		20
cis-1,3-Dichloropropene	89		88		70-130	1		20
1,1-Dichloropropene	98		95		70-130	3		20
Bromoform	90		83		54-136	8		20
1,1,2,2-Tetrachloroethane	95		88		67-130	8		20
Benzene	92		92		70-130	0		20
Toluene	87		88		70-130	1		20
Ethylbenzene	88		86		70-130	2		20
Chloromethane	99		100		64-130	1		20
Bromomethane	69		66		39-139	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2155791

Report Date: 11/04/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1566611-3 WG1566611-4								
Vinyl chloride	100		100		55-140	0		20
Chloroethane	110		110		55-138	0		20
1,1-Dichloroethene	92		94		61-145	2		20
trans-1,2-Dichloroethene	91		90		70-130	1		20
Trichloroethene	84		86		70-130	2		20
1,2-Dichlorobenzene	94		91		70-130	3		20
1,3-Dichlorobenzene	92		88		70-130	4		20
1,4-Dichlorobenzene	91		89		70-130	2		20
Methyl tert butyl ether	95		88		63-130	8		20
p/m-Xylene	90		90		70-130	0		20
o-Xylene	90		90		70-130	0		20
cis-1,2-Dichloroethene	92		91		70-130	1		20
Dibromomethane	95		93		70-130	2		20
1,2,3-Trichloropropane	85		83		64-130	2		20
Acrylonitrile	110		100		70-130	10		20
Styrene	90		90		70-130	0		20
Dichlorodifluoromethane	95		93		36-147	2		20
Acetone	110		80		58-148	**32**	Q	20
Carbon disulfide	100		100		51-130	0		20
2-Butanone	120		100		63-138	18		20
Vinyl acetate	**140**	Q	**140**	Q	70-130	0		20
4-Methyl-2-pentanone	79		80		59-130	1		20
2-Hexanone	91		78		57-130	15		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2155791

Report Date: 11/04/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1566611-3 WG1566611-4								
Bromochloromethane	97		98		70-130	1		20
2,2-Dichloropropane	110		110		63-133	0		20
1,2-Dibromoethane	87		86		70-130	1		20
1,3-Dichloropropane	91		91		70-130	0		20
1,1,1,2-Tetrachloroethane	89		90		64-130	1		20
Bromobenzene	93		90		70-130	3		20
n-Butylbenzene	94		92		53-136	2		20
sec-Butylbenzene	95		92		70-130	3		20
tert-Butylbenzene	90		88		70-130	2		20
o-Chlorotoluene	92		87		70-130	6		20
p-Chlorotoluene	88		86		70-130	2		20
1,2-Dibromo-3-chloropropane	81		76		41-144	6		20
Hexachlorobutadiene	83		79		63-130	5		20
Isopropylbenzene	90		90		70-130	0		20
p-Isopropyltoluene	92		88		70-130	4		20
Naphthalene	90		82		70-130	9		20
n-Propylbenzene	94		91		69-130	3		20
1,2,3-Trichlorobenzene	100		100		70-130	0		20
1,2,4-Trichlorobenzene	90		86		70-130	5		20
1,3,5-Trimethylbenzene	90		88		64-130	2		20
1,2,4-Trimethylbenzene	89		87		70-130	2		20
1,4-Dioxane	84		80		56-162	5		20
p-Diethylbenzene	92		87		70-130	6		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501

Lab Number: L2155791
Report Date: 11/04/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1566611-3 WG1566611-4								
p-Ethyltoluene	94		91		70-130	3		20
1,2,4,5-Tetramethylbenzene	84		80		70-130	5		20
Ethyl ether	93		92		59-134	1		20
trans-1,4-Dichloro-2-butene	82		**68**	Q	70-130	19		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	110		110		70-130
Toluene-d8	97		96		70-130
4-Bromofluorobenzene	96		94		70-130
Dibromofluoromethane	102		102		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2155791
Report Date: 11/04/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04,07-08 QC Batch ID: WG1566323-6 WG1566323-7 QC Sample: L2155791-04 Client ID: MW-205_10292021												
Methylene chloride	ND	200	190	95		200	100		70-130	5		20
1,1-Dichloroethane	ND	200	220	110		230	115		70-130	4		20
Chloroform	ND	200	210	105		220	110		70-130	5		20
Carbon tetrachloride	ND	200	230	115		230	115		63-132	0		20
1,2-Dichloropropane	ND	200	210	105		210	105		70-130	0		20
Dibromochloromethane	ND	200	200	100		200	100		63-130	0		20
1,1,2-Trichloroethane	ND	200	190	95		190	95		70-130	0		20
Tetrachloroethene	ND	200	220	110		210	105		70-130	5		20
Chlorobenzene	ND	200	200	100		200	100		75-130	0		20
Trichlorofluoromethane	ND	200	260	130		240	120		62-150	8		20
1,2-Dichloroethane	ND	200	220	110		220	110		70-130	0		20
1,1,1-Trichloroethane	ND	200	230	115		220	110		67-130	4		20
Bromodichloromethane	ND	200	210	105		200	100		67-130	5		20
trans-1,3-Dichloropropene	ND	200	190	95		180	90		70-130	5		20
cis-1,3-Dichloropropene	ND	200	190	95		190	95		70-130	0		20
1,1-Dichloropropene	ND	200	220	110		220	110		70-130	0		20
Bromoform	ND	200	180	90		180	90		54-136	0		20
1,1,2,2-Tetrachloroethane	ND	200	190	95		190	95		67-130	0		20
Benzene	ND	200	200	100		200	100		70-130	0		20
Toluene	ND	200	220	110		210	105		70-130	5		20
Ethylbenzene	1300	200	1500	100		1400	**50**	Q	70-130	7		20
Chloromethane	ND	200	230	115		230	115		64-130	0		20
Bromomethane	ND	200	130	65		140	70		39-139	7		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2155791

Report Date: 11/04/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04,07-08 QC Batch ID: WG1566323-6 WG1566323-7 QC Sample: L2155791-04 Client ID: MW-205_10292021												
Vinyl chloride	ND	200	240	120		250	125		55-140	4		20
Chloroethane	ND	200	260	130		260	130		55-138	0		20
1,1-Dichloroethene	ND	200	230	115		230	115		61-145	0		20
trans-1,2-Dichloroethene	ND	200	210	105		220	110		70-130	5		20
Trichloroethene	ND	200	200	100		190	95		70-130	5		20
1,2-Dichlorobenzene	ND	200	200	100		200	100		70-130	0		20
1,3-Dichlorobenzene	ND	200	210	105		200	100		70-130	5		20
1,4-Dichlorobenzene	ND	200	200	100		200	100		70-130	0		20
Methyl tert butyl ether	ND	200	200	100		200	100		63-130	0		20
p/m-Xylene	4300	400	4700	100		4500	**50**	Q	70-130	4		20
o-Xylene	1300	400	1700	100		1600	75		70-130	6		20
cis-1,2-Dichloroethene	ND	200	210	105		200	100		70-130	5		20
Dibromomethane	ND	200	210	105		210	105		70-130	0		20
1,2,3-Trichloropropane	ND	200	220	110		200	100		64-130	10		20
Acrylonitrile	ND	200	230	115		220	110		70-130	4		20
Styrene	ND	400	420	105		410	103		70-130	2		20
Dichlorodifluoromethane	ND	200	230	115		220	110		36-147	4		20
Acetone	68J	200	200	100		190	95		58-148	5		20
Carbon disulfide	ND	200	240	120		240	120		51-130	0		20
2-Butanone	ND	200	220	110		210	105		63-138	5		20
Vinyl acetate	ND	200	300	**150**	Q	300	**150**	Q	70-130	0		20
4-Methyl-2-pentanone	ND	200	190	95		180	90		59-130	5		20
2-Hexanone	ND	200	190	95		170	85		57-130	11		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2155791

Report Date: 11/04/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04,07-08 QC Batch ID: WG1566323-6 WG1566323-7 QC Sample: L2155791-04 Client ID: MW-205_10292021												
Bromochloromethane	ND	200	210	105		200	100		70-130	5		20
2,2-Dichloropropane	ND	200	240	120		230	115		63-133	4		20
1,2-Dibromoethane	ND	200	190	95		190	95		70-130	0		20
1,3-Dichloropropane	ND	200	200	100		200	100		70-130	0		20
1,1,1,2-Tetrachloroethane	ND	200	210	105		200	100		64-130	5		20
Bromobenzene	ND	200	200	100		190	95		70-130	5		20
n-Butylbenzene	ND	200	220	110		210	105		53-136	5		20
sec-Butylbenzene	ND	200	220	110		220	110		70-130	0		20
tert-Butylbenzene	ND	200	210	105		200	100		70-130	5		20
o-Chlorotoluene	ND	200	200	100		200	100		70-130	0		20
p-Chlorotoluene	ND	200	190	95		190	95		70-130	0		20
1,2-Dibromo-3-chloropropane	ND	200	160	80		160	80		41-144	0		20
Hexachlorobutadiene	ND	200	190	95		180	90		63-130	5		20
Isopropylbenzene	90	200	300	105		290	100		70-130	3		20
p-Isopropyltoluene	ND	200	220	110		220	110		70-130	0		20
Naphthalene	240	200	450	105		440	100		70-130	2		20
n-Propylbenzene	250	200	470	110		450	100		69-130	4		20
1,2,3-Trichlorobenzene	ND	200	210	105		210	105		70-130	0		20
1,2,4-Trichlorobenzene	ND	200	190	95		200	100		70-130	5		20
1,3,5-Trimethylbenzene	390	200	590	100		570	90		64-130	3		20
1,2,4-Trimethylbenzene	2000	200	2200	100		2100	**50**	Q	70-130	5		20
1,4-Dioxane	ND	10000	8400	84		8600	86		56-162	2		20
p-Diethylbenzene	64	200	350	**143**	Q	280	108		70-130	**22**	Q	20

Matrix Spike Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501

Lab Number: L2155791
Report Date: 11/04/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04,07-08 QC Batch ID: WG1566323-6 WG1566323-7 QC Sample: L2155791-04 Client ID: MW-205_10292021												
p-Ethyltoluene	1600	200	1800	100		1700	**50**	Q	70-130	6		20
1,2,4,5-Tetramethylbenzene	22J	200	210	105		210	105		70-130	0		20
Ethyl ether	ND	200	200	100		200	100		59-134	0		20
trans-1,4-Dichloro-2-butene	ND	200	150	75		150	75		70-130	0		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		109		70-130
4-Bromofluorobenzene	93		94		70-130
Dibromofluoromethane	102		103		70-130
Toluene-d8	98		97		70-130

INORGANICS
&
MISCELLANEOUS

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501

Lab Number: L2155791
Report Date: 11/04/21

SAMPLE RESULTS

Lab ID: L2155791-01
Client ID: FB01_101321
Sample Location: BROOKLYN, NY

Date Collected: 10/13/21 09:30
Date Received: 10/13/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Sulfate	ND		mg/l	10	1.4	1	10/19/21 09:46	10/19/21 09:46	1,9038	JB

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501

Lab Number: L2155791
Report Date: 11/04/21

SAMPLE RESULTS

Lab ID: L2155791-02
Client ID: MW-203_10292021
Sample Location: BROOKLYN, NY

Date Collected: 10/29/21 09:20
Date Received: 10/29/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Sulfate	ND		mg/l	10	1.4	1	11/01/21 17:52	11/01/21 17:52	1,9038	JB

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501

Lab Number: L2155791
Report Date: 11/04/21

SAMPLE RESULTS

Lab ID: L2155791-03
Client ID: MW-204_10292021
Sample Location: BROOKLYN, NY

Date Collected: 10/29/21 09:30
Date Received: 10/29/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Sulfate	ND		mg/l	10	1.4	1	11/01/21 17:52	11/01/21 17:52	1,9038	JB

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501

Lab Number: L2155791
Report Date: 11/04/21

SAMPLE RESULTS

Lab ID: L2155791-04
Client ID: MW-205_10292021
Sample Location: BROOKLYN, NY

Date Collected: 10/29/21 09:50
Date Received: 10/29/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Sulfate	ND		mg/l	10	1.4	1	11/01/21 17:52	11/01/21 17:52	1,9038	JB

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501

Lab Number: L2155791
Report Date: 11/04/21

SAMPLE RESULTS

Lab ID: L2155791-06
Client ID: DUP02_10292021
Sample Location: BROOKLYN, NY

Date Collected: 10/29/21 00:00
Date Received: 10/29/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Sulfate	ND		mg/l	10	1.4	1	11/03/21 12:39	11/03/21 12:39	1,9038	JB

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501

Lab Number: L2155791
Report Date: 11/04/21

SAMPLE RESULTS

Lab ID: L2155791-07
Client ID: FB01_10292021
Sample Location: BROOKLYN, NY

Date Collected: 10/29/21 10:05
Date Received: 10/29/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Sulfate	ND		mg/l	10	1.4	1	11/03/21 12:39	11/03/21 12:39	1,9038	JB

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2155791
Report Date: 11/04/21

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1559999-1										
Sulfate	ND		mg/l	10	1.4	1	10/19/21 09:46	10/19/21 09:46	1,9038	JB
General Chemistry - Westborough Lab for sample(s): 02-04 Batch: WG1565635-1										
Sulfate	ND		mg/l	10	1.4	1	11/01/21 17:52	11/01/21 17:52	1,9038	JB
General Chemistry - Westborough Lab for sample(s): 06-07 Batch: WG1565998-1										
Sulfate	ND		mg/l	10	1.4	1	11/03/21 12:39	11/03/21 12:39	1,9038	JB

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2155791

Report Date: 11/04/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1559999-2								
Sulfate	105		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 02-04 Batch: WG1565635-2								
Sulfate	95		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 06-07 Batch: WG1565998-2								
Sulfate	105		-		90-110	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501

Lab Number: L2155791
Report Date: 11/04/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1559999-4 QC Sample: L2154903-01 Client ID: MS Sample												
Sulfate	2.7J	20	25	125		-	-		55-147	-		14
General Chemistry - Westborough Lab Associated sample(s): 02-04 QC Batch ID: WG1565635-4 QC Sample: L2155791-04 Client ID: MW-205_10292021												
Sulfate	ND	20	21	105		-	-		55-147	-		14
General Chemistry - Westborough Lab Associated sample(s): 06-07 QC Batch ID: WG1565998-4 QC Sample: L2155791-06 Client ID: DUP02_10292021												
Sulfate	ND	20	22	110		-	-		55-147	-		14

Lab Duplicate Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2155791

Report Date: 11/04/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1559999-3 QC Sample: L2154903-01 Client ID: DUP Sample						
Sulfate	2.7J	3.1J	mg/l	NC		14
General Chemistry - Westborough Lab Associated sample(s): 02-04 QC Batch ID: WG1565635-3 QC Sample: L2155791-04 Client ID: MW-205_10292021						
Sulfate	ND	ND	mg/l	NC		14
General Chemistry - Westborough Lab Associated sample(s): 06-07 QC Batch ID: WG1565998-3 QC Sample: L2155791-06 Client ID: DUP02_10292021						
Sulfate	ND	ND	mg/l	NC		14

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501

Lab Number: L2155791
Report Date: 11/04/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
A1	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2155791-01A	Vial HCl preserved	A	NA		5.2	Y	Absent		NYTCL-8260(14)
L2155791-01B	Vial HCl preserved	A	NA		5.2	Y	Absent		NYTCL-8260(14)
L2155791-01C	Vial HCl preserved	A	NA		5.2	Y	Absent		NYTCL-8260(14)
L2155791-01D	Plastic 120ml unpreserved	A	7	7	5.2	Y	Absent		SO4-9038(28)
L2155791-02A	Vial HCl preserved	A1	NA		4.0	Y	Absent		NYTCL-8260(14)
L2155791-02B	Vial HCl preserved	A1	NA		4.0	Y	Absent		NYTCL-8260(14)
L2155791-02C	Vial HCl preserved	A1	NA		4.0	Y	Absent		NYTCL-8260(14)
L2155791-02D	Plastic 120ml unpreserved	A1	7	7	4.0	Y	Absent		SO4-9038(28)
L2155791-03A	Vial HCl preserved	A1	NA		4.0	Y	Absent		NYTCL-8260(14)
L2155791-03B	Vial HCl preserved	A1	NA		4.0	Y	Absent		NYTCL-8260(14)
L2155791-03C	Vial HCl preserved	A1	NA		4.0	Y	Absent		NYTCL-8260(14)
L2155791-03D	Plastic 120ml unpreserved	A1	7	7	4.0	Y	Absent		SO4-9038(28)
L2155791-04A	Vial HCl preserved	A1	NA		4.0	Y	Absent		NYTCL-8260(14)
L2155791-04A1	Vial HCl preserved	A1	NA		4.0	Y	Absent		NYTCL-8260(14)
L2155791-04A2	Vial HCl preserved	A1	NA		4.0	Y	Absent		NYTCL-8260(14)
L2155791-04B	Vial HCl preserved	A1	NA		4.0	Y	Absent		NYTCL-8260(14)
L2155791-04B1	Vial HCl preserved	A1	NA		4.0	Y	Absent		NYTCL-8260(14)
L2155791-04B2	Vial HCl preserved	A1	NA		4.0	Y	Absent		NYTCL-8260(14)
L2155791-04C	Vial HCl preserved	A1	NA		4.0	Y	Absent		NYTCL-8260(14)
L2155791-04C1	Vial HCl preserved	A1	NA		4.0	Y	Absent		NYTCL-8260(14)
L2155791-04C2	Vial HCl preserved	A1	NA		4.0	Y	Absent		NYTCL-8260(14)
L2155791-04D	Plastic 120ml unpreserved	A1	7	7	4.0	Y	Absent		SO4-9038(28)

*Values in parentheses indicate holding time in days

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501

Lab Number: L2155791
Report Date: 11/04/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2155791-05A	Vial HCl preserved	A1	NA		4.0	Y	Absent		NYTCL-8260(14)
L2155791-05B	Vial HCl preserved	A1	NA		4.0	Y	Absent		NYTCL-8260(14)
L2155791-05C	Vial HCl preserved	A1	NA		4.0	Y	Absent		NYTCL-8260(14)
L2155791-06D	Plastic 120ml unpreserved	A1	7	7	4.0	Y	Absent		SO4-9038(28)
L2155791-07A	Vial HCl preserved	A1	NA		4.0	Y	Absent		NYTCL-8260(14)
L2155791-07B	Vial HCl preserved	A1	NA		4.0	Y	Absent		NYTCL-8260(14)
L2155791-07C	Vial HCl preserved	A1	NA		4.0	Y	Absent		NYTCL-8260(14)
L2155791-07D	Plastic 120ml unpreserved	A1	7	7	4.0	Y	Absent		SO4-9038(28)
L2155791-08A	Vial HCl preserved	A1	NA		4.0	Y	Absent		NYTCL-8260(14)
L2155791-08B	Vial HCl preserved	A1	NA		4.0	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	805-825 ATLANTIC AVE	**Lab Number:**	L2155791
Project Number:	170384501	**Report Date:**	11/04/21

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	805-825 ATLANTIC AVE	**Lab Number:**	L2155791
Project Number:	170384501	**Report Date:**	11/04/21

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	805-825 ATLANTIC AVE	**Lab Number:**	L2155791
Project Number:	170384501	**Report Date:**	11/04/21

Data Qualifiers

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: DU Report with 'J' Qualifiers

Project Name:	805-825 ATLANTIC AVE	**Lab Number:**	L2155791
Project Number:	170384501	**Report Date:**	11/04/21

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 10/13/21

ALPHA Job #: L2155791

Client Information

Client: LANGAN
Address: 360 W 31st St
NY, NY 10001
Phone: 212 479 5400
Fax:
Email: LESMAIL@LANGAN.COM

Project Information

Project Name: ~~805~~ Atlantic Ave 805-825
Project Location: Brooklyn, NY
Project #: 170384501
(Use Project name as Project #)
Project Manager: Kimberly Semon
ALPHAQuote #:

Turn-Around Time

Standard [X] Due Date:
Rush (only if pre approved) [ ] # of Days:

Deliverables

[ ] ASP-A [X] ASP-B
[ ] EQuIS (1 File) [ ] EQuIS (4 File)
[ ] Other

Billing Information

[X] Same as Client Info
PO #

Regulatory Requirement

[ ] NY TOGS [X] NY Part 375
[ ] AWQ Standards [ ] NY CP-51
[ ] NY Restricted Use [ ] Other
[ ] NY Unrestricted Use
[ ] NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
[ ] NJ [ ] NY
[ ] Other:

These samples have been previously analyzed by Alpha [ ]

Other project specific requirements/comments:

Please CC Ksemon@Langan.com and datamanagement@Langan.com on email

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
[ ] Done
[ ] Lab to do
Preservation
[ ] Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs Part 375 Full	Sulfate	Total Bottle	Sample Specific Comments
55791-01	FB01_101321	10/13/21	9:30	FB	CG	X	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
CG/Langan	10/13/21 14:10	[illegible]	10/13/21 11:10
[illegible]	10/13/21 14:37	[illegible] AAL	10/13/21 1700
[illegible] AAL	[illegible]	[illegible]	[illegible]

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 10/29/21

ALPHA Job #: L2155791

Client Information
Client: Langan, DPC
Address:
Phone:
Fax:
Email: lesmail@langan.com ksemon@langan.com

Project Information
Project Name: 905 Atlantic Ave
Project Location: Brooklyn, NY
Project #: 170384.50
(Use Project name as Project #)
Project Manager: Kimberly Semon
ALPHAQuote #:

Turn-Around Time
Standard: X
Rush (only if pre approved):
Due Date:
# of Days:

Deliverables
- ASP-A
- X ASP-B
- EQuIS (1 File)
- EQuIS (4 File)
- Other

Regulatory Requirement
- NY TOGS
- X NY Part 375
- AWQ Standards
- NY CP-51
- NY Restricted Use
- Other
- NY Unrestricted Use
- NYC Sewer Discharge

Billing Information
- X Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
- NJ
- NY
- Other:

These samples have been previously analyzed by Alpha

Other project specific requirements/comments:
Please report results with Project L2155791

Please specify Metals or TAL.

ANALYSIS
TCL VOCs 8260
Sul Fate

Sample Filtration
- Done
- Lab to do

Preservation
- Lab to do

(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs 8260	Sul Fate	Sample Specific Comments	Total Bottle
55791 - 02	MW-203_10292021	10/29	0920	W	CG	✓	✓		
-03	MW-204_10292021		0930			✓	✓		
-04	MW-205_102921		0950			✓	✓	MS/MSD	
-05	DUP01-10292021		—			✓			
-06	DUP02-10292021		—				✓		
-07	FB01-10292021		1005			✓	✓		
-08	TB01-10292021	↓	1010	↓	↓	✓			

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
	10/29/21 11:33		10/29/21 16:03
	10/29/21 1:30	Paul Mazzella	10/29/21 1640
Paul Mazzella	10/29/21 2207		10/29/21 2207

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2171379
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Kimberly Semon
Phone:	(212) 479-5486
Project Name:	805-825 ATLANTIC AVE
Project Number:	170384501
Report Date:	01/19/22

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501

Lab Number: L2171379
Report Date: 01/19/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2171379-01	FB01_122921	WATER	BROOKLYN, NY	12/29/21 11:15	12/29/21
L2171379-02	MW-203_011322	WATER	BROOKLYN, NY	01/13/22 10:30	01/13/22
L2171379-03	MW-204_011322	WATER	BROOKLYN, NY	01/13/22 10:00	01/13/22
L2171379-04	MW-205_011322	WATER	BROOKLYN, NY	01/13/22 09:00	01/13/22
L2171379-05	DUP01_011322	WATER	BROOKLYN, NY	01/13/22 00:00	01/13/22
L2171379-06	DUP02_011322	WATER	BROOKLYN, NY	01/13/22 00:00	01/13/22
L2171379-07	TB01_011322	WATER	BROOKLYN, NY	01/13/22 00:00	01/13/22
L2171379-08	FB01_011322	WATER	BROOKLYN, NY	01/13/22 10:40	01/13/22

Project Name:	805-825 ATLANTIC AVE	**Lab Number:**	L2171379
Project Number:	170384501	**Report Date:**	01/19/22

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	805-825 ATLANTIC AVE	**Lab Number:**	L2171379
Project Number:	170384501	**Report Date:**	01/19/22

Case Narrative (continued)

Report Submission

January 19, 2022: This final report includes the results of all requested analyses.

January 06, 2022: This is a preliminary report.

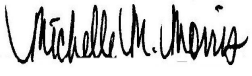
All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L2171379-04D: Differences were noted between the results of the analyses which have been attributed to vial discrepancies. Further re-analysis could not be performed due to the existing vials being compromised.

The WG1595288-6/-7 MS/MSD recoveries, performed on L2171379-04, are outside the acceptance criteria for ethylbenzene (0%/0%), p/m-xylene (MSD at 0%), and 1,2,4-trimethylbenzene (MSD at 0%). The unacceptable percent recoveries are attributed to the elevated concentrations of target compounds present in the native sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Michelle M. Morris

Title: Technical Director/Representative Date: 01/19/22

ORGANICS

VOLATILES

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2171379
Report Date: 01/19/22

SAMPLE RESULTS

Lab ID: L2171379-01
Client ID: FB01_122921
Sample Location: BROOKLYN, NY

Date Collected: 12/29/21 11:15
Date Received: 12/29/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 01/02/22 17:34
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVE **Lab Number:** L2171379

Project Number: 170384501 **Report Date:** 01/19/22

SAMPLE RESULTS

Lab ID: L2171379-01 Date Collected: 12/29/21 11:15

Client ID: FB01_122921 Date Received: 12/29/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	4.2	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2171379
Report Date: 01/19/22

SAMPLE RESULTS

Lab ID: L2171379-01
Client ID: FB01_122921
Sample Location: BROOKLYN, NY
Date Collected: 12/29/21 11:15
Date Received: 12/29/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	119		70-130

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2171379
Report Date: 01/19/22

SAMPLE RESULTS

Lab ID: L2171379-02
Client ID: MW-203_011322
Sample Location: BROOKLYN, NY

Date Collected: 01/13/22 10:30
Date Received: 01/13/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 01/16/22 21:47
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVE **Lab Number:** L2171379

Project Number: 170384501 **Report Date:** 01/19/22

SAMPLE RESULTS

Lab ID: L2171379-02 Date Collected: 01/13/22 10:30

Client ID: MW-203_011322 Date Received: 01/13/22

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.6	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2171379
Report Date: 01/19/22

SAMPLE RESULTS

Lab ID: L2171379-02
Client ID: MW-203_011322
Sample Location: BROOKLYN, NY
Date Collected: 01/13/22 10:30
Date Received: 01/13/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	122		70-130

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2171379
Report Date: 01/19/22

SAMPLE RESULTS

Lab ID: L2171379-03
Client ID: MW-204_011322
Sample Location: BROOKLYN, NY

Date Collected: 01/13/22 10:00
Date Received: 01/13/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 01/16/22 22:10
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	120		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVE **Lab Number:** L2171379

Project Number: 170384501 **Report Date:** 01/19/22

SAMPLE RESULTS

Lab ID: L2171379-03 Date Collected: 01/13/22 10:00

Client ID: MW-204_011322 Date Received: 01/13/22

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	22		ug/l	2.5	0.70	1
o-Xylene	16		ug/l	2.5	0.70	1
Xylenes, Total	38		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.8	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	9.2		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	10		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2171379
Report Date: 01/19/22

SAMPLE RESULTS

Lab ID: L2171379-03
Client ID: MW-204_011322
Sample Location: BROOKLYN, NY
Date Collected: 01/13/22 10:00
Date Received: 01/13/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	20		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	2.4	J	ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	120		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	0.88	J	ug/l	2.0	0.70	1
p-Ethyltoluene	22		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	1.1	J	ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	114		70-130

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2171379
Report Date: 01/19/22

SAMPLE RESULTS

Lab ID: L2171379-04 D2
Client ID: MW-205_011322
Sample Location: BROOKLYN, NY

Date Collected: 01/13/22 09:00
Date Received: 01/13/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 01/18/22 22:52
Analyst: KTD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	2800		ug/l	62	18.	25
Xylenes, Total	4400		ug/l	25	7.0	25

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	114		70-130

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2171379
Report Date: 01/19/22

SAMPLE RESULTS

Lab ID: L2171379-04 D
Client ID: MW-205_011322
Sample Location: BROOKLYN, NY

Date Collected: 01/13/22 09:00
Date Received: 01/13/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 01/16/22 22:33
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	25	7.0	10
1,1-Dichloroethane	ND		ug/l	25	7.0	10
Chloroform	ND		ug/l	25	7.0	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
1,2-Dichloropropane	ND		ug/l	10	1.4	10
Dibromochloromethane	ND		ug/l	5.0	1.5	10
1,1,2-Trichloroethane	ND		ug/l	15	5.0	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	25	7.0	10
Trichlorofluoromethane	ND		ug/l	25	7.0	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
1,1,1-Trichloroethane	ND		ug/l	25	7.0	10
Bromodichloromethane	ND		ug/l	5.0	1.9	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	1.6	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	1.4	10
1,3-Dichloropropene, Total	ND		ug/l	5.0	1.4	10
1,1-Dichloropropene	ND		ug/l	25	7.0	10
Bromoform	ND		ug/l	20	6.5	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	1.7	10
Benzene	ND		ug/l	5.0	1.6	10
Toluene	19	J	ug/l	25	7.0	10
Ethylbenzene	1200		ug/l	25	7.0	10
Chloromethane	ND		ug/l	25	7.0	10
Bromomethane	ND		ug/l	25	7.0	10
Vinyl chloride	ND		ug/l	10	0.71	10
Chloroethane	ND		ug/l	25	7.0	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
trans-1,2-Dichloroethene	ND		ug/l	25	7.0	10

Project Name: 805-825 ATLANTIC AVE **Lab Number:** L2171379

Project Number: 170384501 **Report Date:** 01/19/22

SAMPLE RESULTS

Lab ID: L2171379-04 D
Client ID: MW-205_011322
Sample Location: BROOKLYN, NY

Date Collected: 01/13/22 09:00
Date Received: 01/13/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	3.6	J	ug/l	5.0	1.8	10
1,2-Dichlorobenzene	ND		ug/l	25	7.0	10
1,3-Dichlorobenzene	ND		ug/l	25	7.0	10
1,4-Dichlorobenzene	ND		ug/l	25	7.0	10
Methyl tert butyl ether	ND		ug/l	25	7.0	10
p/m-Xylene	4200	E	ug/l	25	7.0	10
o-Xylene	1600		ug/l	25	7.0	10
cis-1,2-Dichloroethene	ND		ug/l	25	7.0	10
1,2-Dichloroethene, Total	ND		ug/l	25	7.0	10
Dibromomethane	ND		ug/l	50	10.	10
1,2,3-Trichloropropane	ND		ug/l	25	7.0	10
Acrylonitrile	ND		ug/l	50	15.	10
Styrene	ND		ug/l	25	7.0	10
Dichlorodifluoromethane	ND		ug/l	50	10.	10
Acetone	ND		ug/l	50	15.	10
Carbon disulfide	ND		ug/l	50	10.	10
2-Butanone	ND		ug/l	50	19.	10
Vinyl acetate	ND		ug/l	50	10.	10
4-Methyl-2-pentanone	ND		ug/l	50	10.	10
2-Hexanone	ND		ug/l	50	10.	10
Bromochloromethane	ND		ug/l	25	7.0	10
2,2-Dichloropropane	ND		ug/l	25	7.0	10
1,2-Dibromoethane	ND		ug/l	20	6.5	10
1,3-Dichloropropane	ND		ug/l	25	7.0	10
1,1,1,2-Tetrachloroethane	ND		ug/l	25	7.0	10
Bromobenzene	ND		ug/l	25	7.0	10
n-Butylbenzene	ND		ug/l	25	7.0	10
sec-Butylbenzene	ND		ug/l	25	7.0	10
tert-Butylbenzene	ND		ug/l	25	7.0	10
o-Chlorotoluene	ND		ug/l	25	7.0	10
p-Chlorotoluene	ND		ug/l	25	7.0	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25	7.0	10
Hexachlorobutadiene	ND		ug/l	25	7.0	10
Isopropylbenzene	51		ug/l	25	7.0	10
p-Isopropyltoluene	ND		ug/l	25	7.0	10
Naphthalene	140		ug/l	25	7.0	10
n-Propylbenzene	130		ug/l	25	7.0	10

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2171379
Report Date: 01/19/22

SAMPLE RESULTS

Lab ID: L2171379-04 D
Client ID: MW-205_011322
Sample Location: BROOKLYN, NY
Date Collected: 01/13/22 09:00
Date Received: 01/13/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/l	25	7.0	10
1,2,4-Trichlorobenzene	ND		ug/l	25	7.0	10
1,3,5-Trimethylbenzene	200		ug/l	25	7.0	10
1,2,4-Trimethylbenzene	1100		ug/l	25	7.0	10
1,4-Dioxane	ND		ug/l	2500	610	10
p-Diethylbenzene	38		ug/l	20	7.0	10
p-Ethyltoluene	920		ug/l	20	7.0	10
1,2,4,5-Tetramethylbenzene	13	J	ug/l	20	5.4	10
Ethyl ether	ND		ug/l	25	7.0	10
trans-1,4-Dichloro-2-butene	ND		ug/l	25	7.0	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	111		70-130

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2171379
Report Date: 01/19/22

SAMPLE RESULTS

Lab ID: L2171379-05 D2
Client ID: DUP01_011322
Sample Location: BROOKLYN, NY

Date Collected: 01/13/22 00:00
Date Received: 01/13/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 01/18/22 22:29
Analyst: KTD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	4300		ug/l	100	28.	40
Xylenes, Total	6400		ug/l	25	7.0	40

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	125		70-130

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2171379
Report Date: 01/19/22

SAMPLE RESULTS

Lab ID: L2171379-05 D
Client ID: DUP01_011322
Sample Location: BROOKLYN, NY

Date Collected: 01/13/22 00:00
Date Received: 01/13/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 01/16/22 22:56
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	25	7.0	10
1,1-Dichloroethane	ND		ug/l	25	7.0	10
Chloroform	ND		ug/l	25	7.0	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
1,2-Dichloropropane	ND		ug/l	10	1.4	10
Dibromochloromethane	ND		ug/l	5.0	1.5	10
1,1,2-Trichloroethane	ND		ug/l	15	5.0	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	25	7.0	10
Trichlorofluoromethane	ND		ug/l	25	7.0	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
1,1,1-Trichloroethane	ND		ug/l	25	7.0	10
Bromodichloromethane	ND		ug/l	5.0	1.9	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	1.6	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	1.4	10
1,3-Dichloropropene, Total	ND		ug/l	5.0	1.4	10
1,1-Dichloropropene	ND		ug/l	25	7.0	10
Bromoform	ND		ug/l	20	6.5	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	1.7	10
Benzene	ND		ug/l	5.0	1.6	10
Toluene	25		ug/l	25	7.0	10
Ethylbenzene	1400		ug/l	25	7.0	10
Chloromethane	ND		ug/l	25	7.0	10
Bromomethane	ND		ug/l	25	7.0	10
Vinyl chloride	ND		ug/l	10	0.71	10
Chloroethane	ND		ug/l	25	7.0	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
trans-1,2-Dichloroethene	ND		ug/l	25	7.0	10

Project Name: 805-825 ATLANTIC AVE **Lab Number:** L2171379

Project Number: 170384501 **Report Date:** 01/19/22

SAMPLE RESULTS

Lab ID: L2171379-05 D Date Collected: 01/13/22 00:00
Client ID: DUP01_011322 Date Received: 01/13/22
Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	3.4	J	ug/l	5.0	1.8	10
1,2-Dichlorobenzene	ND		ug/l	25	7.0	10
1,3-Dichlorobenzene	ND		ug/l	25	7.0	10
1,4-Dichlorobenzene	ND		ug/l	25	7.0	10
Methyl tert butyl ether	ND		ug/l	25	7.0	10
p/m-Xylene	5100	E	ug/l	25	7.0	10
o-Xylene	2100		ug/l	25	7.0	10
cis-1,2-Dichloroethene	ND		ug/l	25	7.0	10
1,2-Dichloroethene, Total	ND		ug/l	25	7.0	10
Dibromomethane	ND		ug/l	50	10.	10
1,2,3-Trichloropropane	ND		ug/l	25	7.0	10
Acrylonitrile	ND		ug/l	50	15.	10
Styrene	ND		ug/l	25	7.0	10
Dichlorodifluoromethane	ND		ug/l	50	10.	10
Acetone	ND		ug/l	50	15.	10
Carbon disulfide	ND		ug/l	50	10.	10
2-Butanone	ND		ug/l	50	19.	10
Vinyl acetate	ND		ug/l	50	10.	10
4-Methyl-2-pentanone	ND		ug/l	50	10.	10
2-Hexanone	ND		ug/l	50	10.	10
Bromochloromethane	ND		ug/l	25	7.0	10
2,2-Dichloropropane	ND		ug/l	25	7.0	10
1,2-Dibromoethane	ND		ug/l	20	6.5	10
1,3-Dichloropropane	ND		ug/l	25	7.0	10
1,1,1,2-Tetrachloroethane	ND		ug/l	25	7.0	10
Bromobenzene	ND		ug/l	25	7.0	10
n-Butylbenzene	ND		ug/l	25	7.0	10
sec-Butylbenzene	ND		ug/l	25	7.0	10
tert-Butylbenzene	ND		ug/l	25	7.0	10
o-Chlorotoluene	ND		ug/l	25	7.0	10
p-Chlorotoluene	ND		ug/l	25	7.0	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25	7.0	10
Hexachlorobutadiene	ND		ug/l	25	7.0	10
Isopropylbenzene	65		ug/l	25	7.0	10
p-Isopropyltoluene	ND		ug/l	25	7.0	10
Naphthalene	180		ug/l	25	7.0	10
n-Propylbenzene	160		ug/l	25	7.0	10

Project Name: 805-825 ATLANTIC AVE **Lab Number:** L2171379

Project Number: 170384501 **Report Date:** 01/19/22

SAMPLE RESULTS

Lab ID: L2171379-05 D
Client ID: DUP01_011322
Sample Location: BROOKLYN, NY

Date Collected: 01/13/22 00:00
Date Received: 01/13/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/l	25	7.0	10
1,2,4-Trichlorobenzene	ND		ug/l	25	7.0	10
1,3,5-Trimethylbenzene	250		ug/l	25	7.0	10
1,2,4-Trimethylbenzene	1300		ug/l	25	7.0	10
1,4-Dioxane	ND		ug/l	2500	610	10
p-Diethylbenzene	47		ug/l	20	7.0	10
p-Ethyltoluene	1200		ug/l	20	7.0	10
1,2,4,5-Tetramethylbenzene	16	J	ug/l	20	5.4	10
Ethyl ether	ND		ug/l	25	7.0	10
trans-1,4-Dichloro-2-butene	ND		ug/l	25	7.0	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	111		70-130

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2171379
Report Date: 01/19/22

SAMPLE RESULTS

Lab ID: L2171379-07
Client ID: TB01_011322
Sample Location: BROOKLYN, NY

Date Collected: 01/13/22 00:00
Date Received: 01/13/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 01/16/22 17:10
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVE **Lab Number:** L2171379

Project Number: 170384501 **Report Date:** 01/19/22

SAMPLE RESULTS

Lab ID: L2171379-07 Date Collected: 01/13/22 00:00

Client ID: TB01_011322 Date Received: 01/13/22

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVE **Lab Number:** L2171379

Project Number: 170384501 **Report Date:** 01/19/22

SAMPLE RESULTS

Lab ID: L2171379-07 Date Collected: 01/13/22 00:00

Client ID: TB01_011322 Date Received: 01/13/22

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	113		70-130

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2171379
Report Date: 01/19/22

SAMPLE RESULTS

Lab ID: L2171379-08
Client ID: FB01_011322
Sample Location: BROOKLYN, NY

Date Collected: 01/13/22 10:40
Date Received: 01/13/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 01/16/22 17:33
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVE **Lab Number:** L2171379

Project Number: 170384501 **Report Date:** 01/19/22

SAMPLE RESULTS

Lab ID: L2171379-08 Date Collected: 01/13/22 10:40

Client ID: FB01_011322 Date Received: 01/13/22

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2171379
Report Date: 01/19/22

SAMPLE RESULTS

Lab ID: L2171379-08
Client ID: FB01_011322
Sample Location: BROOKLYN, NY
Date Collected: 01/13/22 10:40
Date Received: 01/13/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	115		70-130

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2171379
Report Date: 01/19/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/02/22 15:39
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1589982-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2171379
Report Date: 01/19/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/02/22 15:39
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1589982-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2171379
Report Date: 01/19/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/02/22 15:39
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1589982-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	117		70-130

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2171379
Report Date: 01/19/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/16/22 16:47
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-05,07-08 Batch: WG1595288-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2171379
Report Date: 01/19/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/16/22 16:47
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-05,07-08 Batch: WG1595288-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2171379
Report Date: 01/19/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/16/22 16:47
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-05,07-08 Batch: WG1595288-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	114		70-130

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2171379
Report Date: 01/19/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/18/22 20:12
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04-05 Batch: WG1595775-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2171379
Report Date: 01/19/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/18/22 20:12
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04-05 Batch: WG1595775-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2171379
Report Date: 01/19/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/18/22 20:12
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04-05 Batch: WG1595775-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	119		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501

Lab Number: L2171379
Report Date: 01/19/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1589982-3 WG1589982-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	120		120		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	96		93		63-132	3		20
1,2-Dichloropropane	110		110		70-130	0		20
Dibromochloromethane	86		88		63-130	2		20
1,1,2-Trichloroethane	88		91		70-130	3		20
Tetrachloroethene	96		97		70-130	1		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	120		120		62-150	0		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	100		99		67-130	1		20
Bromodichloromethane	93		95		67-130	2		20
trans-1,3-Dichloropropene	80		81		70-130	1		20
cis-1,3-Dichloropropene	83		85		70-130	2		20
1,1-Dichloropropene	100		100		70-130	0		20
Bromoform	72		78		54-136	8		20
1,1,2,2-Tetrachloroethane	88		94		67-130	7		20
Benzene	100		100		70-130	0		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	**140**	Q	130		64-130	7		20
Bromomethane	89		83		39-139	7		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2171379

Report Date: 01/19/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1589982-3 WG1589982-4								
Vinyl chloride	140		130		55-140	7		20
Chloroethane	130		130		55-138	0		20
1,1-Dichloroethene	120		110		61-145	9		20
trans-1,2-Dichloroethene	110		100		70-130	10		20
Trichloroethene	99		97		70-130	2		20
1,2-Dichlorobenzene	93		95		70-130	2		20
1,3-Dichlorobenzene	96		96		70-130	0		20
1,4-Dichlorobenzene	95		95		70-130	0		20
Methyl tert butyl ether	80		85		63-130	6		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	93		94		70-130	1		20
1,2,3-Trichloropropane	86		93		64-130	8		20
Acrylonitrile	120		130		70-130	8		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	96		93		36-147	3		20
Acetone	100		100		58-148	0		20
Carbon disulfide	120		120		51-130	0		20
2-Butanone	100		110		63-138	10		20
Vinyl acetate	93		99		70-130	6		20
4-Methyl-2-pentanone	76		83		59-130	9		20
2-Hexanone	89		100		57-130	12		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2171379

Report Date: 01/19/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1589982-3 WG1589982-4								
Bromochloromethane	100		100		70-130	0		20
2,2-Dichloropropane	96		94		63-133	2		20
1,2-Dibromoethane	83		87		70-130	5		20
1,3-Dichloropropane	91		96		70-130	5		20
1,1,1,2-Tetrachloroethane	81		83		64-130	2		20
Bromobenzene	93		95		70-130	2		20
n-Butylbenzene	100		100		53-136	0		20
sec-Butylbenzene	100		100		70-130	0		20
tert-Butylbenzene	96		95		70-130	1		20
o-Chlorotoluene	100		100		70-130	0		20
p-Chlorotoluene	100		100		70-130	0		20
1,2-Dibromo-3-chloropropane	68		75		41-144	10		20
Hexachlorobutadiene	92		90		63-130	2		20
Isopropylbenzene	100		100		70-130	0		20
p-Isopropyltoluene	95		94		70-130	1		20
Naphthalene	**68**	Q	78		70-130	14		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	77		84		70-130	9		20
1,2,4-Trichlorobenzene	79		83		70-130	5		20
1,3,5-Trimethylbenzene	94		95		64-130	1		20
1,2,4-Trimethylbenzene	94		93		70-130	1		20
1,4-Dioxane	120		114		56-162	5		20
p-Diethylbenzene	92		90		70-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2171379

Report Date: 01/19/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1589982-3 WG1589982-4								
p-Ethyltoluene	100		98		70-130	2		20
1,2,4,5-Tetramethylbenzene	84		85		70-130	1		20
Ethyl ether	100		110		59-134	10		20
trans-1,4-Dichloro-2-butene	99		100		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	112		113		70-130
Toluene-d8	102		103		70-130
4-Bromofluorobenzene	99		99		70-130
Dibromofluoromethane	107		107		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2171379

Report Date: 01/19/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-05,07-08 Batch: WG1595288-3 WG1595288-4								
Methylene chloride	98		96		70-130	2		20
1,1-Dichloroethane	120		110		70-130	9		20
Chloroform	100		98		70-130	2		20
Carbon tetrachloride	97		89		63-132	9		20
1,2-Dichloropropane	110		110		70-130	0		20
Dibromochloromethane	93		92		63-130	1		20
1,1,2-Trichloroethane	94		94		70-130	0		20
Tetrachloroethene	100		96		70-130	4		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	120		110		62-150	9		20
1,2-Dichloroethane	100		110		70-130	10		20
1,1,1-Trichloroethane	100		93		67-130	7		20
Bromodichloromethane	93		92		67-130	1		20
trans-1,3-Dichloropropene	81		79		70-130	3		20
cis-1,3-Dichloropropene	88		86		70-130	2		20
1,1-Dichloropropene	100		97		70-130	3		20
Bromoform	82		82		54-136	0		20
1,1,2,2-Tetrachloroethane	93		96		67-130	3		20
Benzene	100		97		70-130	3		20
Toluene	100		96		70-130	4		20
Ethylbenzene	100		96		70-130	4		20
Chloromethane	130		120		64-130	8		20
Bromomethane	60		55		39-139	9		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2171379

Report Date: 01/19/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-05,07-08 Batch: WG1595288-3 WG1595288-4								
Vinyl chloride	130		120		55-140	8		20
Chloroethane	130		120		55-138	8		20
1,1-Dichloroethene	110		100		61-145	10		20
trans-1,2-Dichloroethene	100		97		70-130	3		20
Trichloroethene	100		96		70-130	4		20
1,2-Dichlorobenzene	95		95		70-130	0		20
1,3-Dichlorobenzene	96		95		70-130	1		20
1,4-Dichlorobenzene	97		95		70-130	2		20
Methyl tert butyl ether	94		97		63-130	3		20
p/m-Xylene	100		95		70-130	5		20
o-Xylene	100		95		70-130	5		20
cis-1,2-Dichloroethene	100		96		70-130	4		20
Dibromomethane	96		96		70-130	0		20
1,2,3-Trichloropropane	90		91		64-130	1		20
Acrylonitrile	130		130		70-130	0		20
Styrene	100		95		70-130	5		20
Dichlorodifluoromethane	110		97		36-147	13		20
Acetone	100		110		58-148	10		20
Carbon disulfide	110		100		51-130	10		20
2-Butanone	110		110		63-138	0		20
Vinyl acetate	96		100		70-130	4		20
4-Methyl-2-pentanone	94		96		59-130	2		20
2-Hexanone	100		100		57-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2171379

Report Date: 01/19/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-05,07-08 Batch: WG1595288-3 WG1595288-4								
Bromochloromethane	100		100		70-130	0		20
2,2-Dichloropropane	91		84		63-133	8		20
1,2-Dibromoethane	92		93		70-130	1		20
1,3-Dichloropropane	97		97		70-130	0		20
1,1,1,2-Tetrachloroethane	89		85		64-130	5		20
Bromobenzene	96		94		70-130	2		20
n-Butylbenzene	99		92		53-136	7		20
sec-Butylbenzene	99		94		70-130	5		20
tert-Butylbenzene	97		91		70-130	6		20
o-Chlorotoluene	100		95		70-130	5		20
p-Chlorotoluene	97		93		70-130	4		20
1,2-Dibromo-3-chloropropane	77		83		41-144	8		20
Hexachlorobutadiene	97		91		63-130	6		20
Isopropylbenzene	100		95		70-130	5		20
p-Isopropyltoluene	96		91		70-130	5		20
Naphthalene	84		90		70-130	7		20
n-Propylbenzene	100		96		69-130	4		20
1,2,3-Trichlorobenzene	90		93		70-130	3		20
1,2,4-Trichlorobenzene	90		89		70-130	1		20
1,3,5-Trimethylbenzene	94		89		64-130	5		20
1,2,4-Trimethylbenzene	94		90		70-130	4		20
1,4-Dioxane	110		102		56-162	8		20
p-Diethylbenzene	92		88		70-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2171379

Report Date: 01/19/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-05,07-08 Batch: WG1595288-3 WG1595288-4								
p-Ethyltoluene	100		94		70-130	6		20
1,2,4,5-Tetramethylbenzene	89		86		70-130	3		20
Ethyl ether	120		120		59-134	0		20
trans-1,4-Dichloro-2-butene	91		91		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	108		110		70-130
Toluene-d8	101		101		70-130
4-Bromofluorobenzene	96		95		70-130
Dibromofluoromethane	105		105		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2171379

Report Date: 01/19/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05 Batch: WG1595775-3 WG1595775-4								
Methylene chloride	97		96		70-130	1		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	99		98		70-130	1		20
Dibromochloromethane	95		93		63-130	2		20
1,1,2-Trichloroethane	82		80		70-130	2		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	120		120		62-150	0		20
1,2-Dichloroethane	100		99		70-130	1		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	92		90		67-130	2		20
trans-1,3-Dichloropropene	75		72		70-130	4		20
cis-1,3-Dichloropropene	82		80		70-130	2		20
1,1-Dichloropropene	97		96		70-130	1		20
Bromoform	86		83		54-136	4		20
1,1,2,2-Tetrachloroethane	80		78		67-130	3		20
Benzene	95		93		70-130	2		20
Toluene	97		95		70-130	2		20
Ethylbenzene	97		95		70-130	2		20
Chloromethane	110		110		64-130	0		20
Bromomethane	65		68		39-139	5		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2171379

Report Date: 01/19/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05 Batch: WG1595775-3 WG1595775-4								
Vinyl chloride	120		120		55-140	0		20
Chloroethane	110		110		55-138	0		20
1,1-Dichloroethene	120		110		61-145	9		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	99		98		70-130	1		20
1,2-Dichlorobenzene	96		96		70-130	0		20
1,3-Dichlorobenzene	98		98		70-130	0		20
1,4-Dichlorobenzene	99		98		70-130	1		20
Methyl tert butyl ether	88		88		63-130	0		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		95		70-130	5		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	94		94		70-130	0		20
1,2,3-Trichloropropane	81		79		64-130	3		20
Acrylonitrile	100		100		70-130	0		20
Styrene	100		95		70-130	5		20
Dichlorodifluoromethane	110		110		36-147	0		20
Acetone	78		83		58-148	6		20
Carbon disulfide	110		110		51-130	0		20
2-Butanone	84		77		63-138	9		20
Vinyl acetate	74		**69**	Q	70-130	7		20
4-Methyl-2-pentanone	80		76		59-130	5		20
2-Hexanone	78		76		57-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2171379

Report Date: 01/19/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05 Batch: WG1595775-3 WG1595775-4								
Bromochloromethane	110		110		70-130	0		20
2,2-Dichloropropane	92		92		63-133	0		20
1,2-Dibromoethane	90		89		70-130	1		20
1,3-Dichloropropane	86		84		70-130	2		20
1,1,1,2-Tetrachloroethane	90		87		64-130	3		20
Bromobenzene	97		98		70-130	1		20
n-Butylbenzene	87		87		53-136	0		20
sec-Butylbenzene	91		90		70-130	1		20
tert-Butylbenzene	93		93		70-130	0		20
o-Chlorotoluene	92		90		70-130	2		20
p-Chlorotoluene	90		90		70-130	0		20
1,2-Dibromo-3-chloropropane	78		80		41-144	3		20
Hexachlorobutadiene	99		100		63-130	1		20
Isopropylbenzene	94		93		70-130	1		20
p-Isopropyltoluene	92		91		70-130	1		20
Naphthalene	87		88		70-130	1		20
n-Propylbenzene	93		90		69-130	3		20
1,2,3-Trichlorobenzene	94		94		70-130	0		20
1,2,4-Trichlorobenzene	93		92		70-130	1		20
1,3,5-Trimethylbenzene	90		89		64-130	1		20
1,2,4-Trimethylbenzene	91		89		70-130	2		20
1,4-Dioxane	94		96		56-162	2		20
p-Diethylbenzene	92		89		70-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2171379

Report Date: 01/19/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05 Batch: WG1595775-3 WG1595775-4								
p-Ethyltoluene	94		93		70-130	1		20
1,2,4,5-Tetramethylbenzene	90		89		70-130	1		20
Ethyl ether	98		96		59-134	2		20
trans-1,4-Dichloro-2-butene	75		76		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	107		107		70-130
Toluene-d8	99		98		70-130
4-Bromofluorobenzene	88		87		70-130
Dibromofluoromethane	111		112		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2171379
Report Date: 01/19/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-05,07-08 QC Batch ID: WG1595288-6 WG1595288-7 QC Sample: L2171379-04 Client ID: MW-205_011322												
Methylene chloride	ND	100	93	93		88	88		70-130	6		20
1,1-Dichloroethane	ND	100	100	100		100	100		70-130	0		20
Chloroform	ND	100	95	95		89	89		70-130	7		20
Carbon tetrachloride	ND	100	90	90		84	84		63-132	7		20
1,2-Dichloropropane	ND	100	100	100		97	97		70-130	3		20
Dibromochloromethane	ND	100	84	84		80	80		63-130	5		20
1,1,2-Trichloroethane	ND	100	84	84		78	78		70-130	7		20
Tetrachloroethene	ND	100	90	90		87	87		70-130	3		20
Chlorobenzene	ND	100	95	95		89	89		75-130	7		20
Trichlorofluoromethane	ND	100	120	120		110	110		62-150	9		20
1,2-Dichloroethane	ND	100	100	100		93	93		70-130	7		20
1,1,1-Trichloroethane	ND	100	95	95		88	88		67-130	8		20
Bromodichloromethane	ND	100	87	87		82	82		67-130	6		20
trans-1,3-Dichloropropene	ND	100	69	**69**	Q	66	**66**	Q	70-130	4		20
cis-1,3-Dichloropropene	ND	100	76	76		72	72		70-130	5		20
1,1-Dichloropropene	ND	100	90	90		89	89		70-130	1		20
Bromoform	ND	100	75	75		72	72		54-136	4		20
1,1,2,2-Tetrachloroethane	ND	100	82	82		78	78		67-130	5		20
Benzene	ND	100	93	93		88	88		70-130	6		20
Toluene	19J	100	110	110		100	100		70-130	10		20
Ethylbenzene	1200	100	1200	**0**	Q	1200	**0**	Q	70-130	0		20
Chloromethane	ND	100	110	110		110	110		64-130	0		20
Bromomethane	ND	100	39	39		42	42		39-139	7		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2171379

Report Date: 01/19/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-05,07-08 QC Batch ID: WG1595288-6 WG1595288-7 QC Sample: L2171379-04 Client ID: MW-205_011322												
Vinyl chloride	ND	100	120	120		120	120		55-140	0		20
Chloroethane	ND	100	120	120		120	120		55-138	0		20
1,1-Dichloroethene	ND	100	100	100		98	98		61-145	2		20
trans-1,2-Dichloroethene	ND	100	95	95		90	90		70-130	5		20
Trichloroethene	3.6J	100	94	94		90	90		70-130	4		20
1,2-Dichlorobenzene	ND	100	86	86		82	82		70-130	5		20
1,3-Dichlorobenzene	ND	100	83	83		82	82		70-130	1		20
1,4-Dichlorobenzene	ND	100	83	83		82	82		70-130	1		20
Methyl tert butyl ether	ND	100	87	87		84	84		63-130	4		20
p/m-Xylene	4200E	200	4300E	**50**	Q	4000	**0**	Q	70-130	7		20
o-Xylene	1600	200	1800	100		1700	**50**	Q	70-130	6		20
cis-1,2-Dichloroethene	ND	100	93	93		87	87		70-130	7		20
Dibromomethane	ND	100	86	86		85	85		70-130	1		20
1,2,3-Trichloropropane	ND	100	92	92		88	88		64-130	4		20
Acrylonitrile	ND	100	120	120		120	120		70-130	0		20
Styrene	ND	200	180	90		170	85		70-130	6		20
Dichlorodifluoromethane	ND	100	88	88		85	85		36-147	3		20
Acetone	ND	100	83	83		74	74		58-148	11		20
Carbon disulfide	ND	100	100	100		95	95		51-130	5		20
2-Butanone	ND	100	100	100		100	100		63-138	0		20
Vinyl acetate	ND	100	83	83		81	81		70-130	2		20
4-Methyl-2-pentanone	ND	100	83	83		82	82		59-130	1		20
2-Hexanone	ND	100	84	84		82	82		57-130	2		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2171379
Report Date: 01/19/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-05,07-08 QC Batch ID: WG1595288-6 WG1595288-7 QC Sample: L2171379-04 Client ID: MW-205_011322												
Bromochloromethane	ND	100	100	100		96	96		70-130	4		20
2,2-Dichloropropane	ND	100	80	80		74	74		63-133	8		20
1,2-Dibromoethane	ND	100	83	83		79	79		70-130	5		20
1,3-Dichloropropane	ND	100	85	85		81	81		70-130	5		20
1,1,1,2-Tetrachloroethane	ND	100	84	84		77	77		64-130	9		20
Bromobenzene	ND	100	90	90		82	82		70-130	9		20
n-Butylbenzene	ND	100	77	77		81	81		53-136	5		20
sec-Butylbenzene	ND	100	87	87		84	84		70-130	4		20
tert-Butylbenzene	ND	100	88	88		81	81		70-130	8		20
o-Chlorotoluene	ND	100	84	84		79	79		70-130	6		20
p-Chlorotoluene	ND	100	79	79		78	78		70-130	1		20
1,2-Dibromo-3-chloropropane	ND	100	71	71		69	69		41-144	3		20
Hexachlorobutadiene	ND	100	76	76		79	79		63-130	4		20
Isopropylbenzene	51	100	140	89		140	89		70-130	0		20
p-Isopropyltoluene	ND	100	80	80		80	80		70-130	0		20
Naphthalene	140	100	230	90		230	90		70-130	0		20
n-Propylbenzene	130	100	220	90		210	80		69-130	5		20
1,2,3-Trichlorobenzene	ND	100	76	76		78	78		70-130	3		20
1,2,4-Trichlorobenzene	ND	100	74	74		78	78		70-130	5		20
1,3,5-Trimethylbenzene	200	100	290	90		270	70		64-130	7		20
1,2,4-Trimethylbenzene	1100	100	1200	100		1100	**0**	Q	70-130	9		20
1,4-Dioxane	ND	5000	3700	74		3800	76		56-162	3		20
p-Diethylbenzene	38	100	89	**51**	Q	91	**53**	Q	70-130	2		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2171379

Report Date: 01/19/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-05,07-08 QC Batch ID: WG1595288-6 WG1595288-7 QC Sample: L2171379-04 Client ID: MW-205_011322												
p-Ethyltoluene	920	100	1000	80		960	**40**	Q	70-130	4		20
1,2,4,5-Tetramethylbenzene	13J	100	93	93		92	92		70-130	1		20
Ethyl ether	ND	100	110	110		100	100		59-134	10		20
trans-1,4-Dichloro-2-butene	ND	100	82	82		79	79		70-130	4		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		108		70-130
4-Bromofluorobenzene	92		93		70-130
Dibromofluoromethane	107		105		70-130
Toluene-d8	100		99		70-130

INORGANICS
&
MISCELLANEOUS

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501

Lab Number: L2171379
Report Date: 01/19/22

SAMPLE RESULTS

Lab ID: L2171379-01
Client ID: FB01_122921
Sample Location: BROOKLYN, NY

Date Collected: 12/29/21 11:15
Date Received: 12/29/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Sulfate	ND		mg/l	10	1.4	1	12/30/21 07:48	12/30/21 07:48	1,9038	MC

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501

Lab Number: L2171379
Report Date: 01/19/22

SAMPLE RESULTS

Lab ID: L2171379-02
Client ID: MW-203_011322
Sample Location: BROOKLYN, NY

Date Collected: 01/13/22 10:30
Date Received: 01/13/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Sulfate	ND		mg/l	10	1.4	1	01/17/22 08:12	01/17/22 08:12	1,9038	MC

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501

Lab Number: L2171379
Report Date: 01/19/22

SAMPLE RESULTS

Lab ID: L2171379-03
Client ID: MW-204_011322
Sample Location: BROOKLYN, NY

Date Collected: 01/13/22 10:00
Date Received: 01/13/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Sulfate	ND		mg/l	10	1.4	1	01/17/22 08:12	01/17/22 08:12	1,9038	MC

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501

Lab Number: L2171379
Report Date: 01/19/22

SAMPLE RESULTS

Lab ID: L2171379-04
Client ID: MW-205_011322
Sample Location: BROOKLYN, NY

Date Collected: 01/13/22 09:00
Date Received: 01/13/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Sulfate	ND		mg/l	10	1.4	1	01/17/22 08:12	01/17/22 08:12	1,9038	MC

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501

Lab Number: L2171379
Report Date: 01/19/22

SAMPLE RESULTS

Lab ID: L2171379-06
Client ID: DUP02_011322
Sample Location: BROOKLYN, NY

Date Collected: 01/13/22 00:00
Date Received: 01/13/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Sulfate	ND		mg/l	10	1.4	1	01/17/22 08:12	01/17/22 08:12	1,9038	MC

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501

Lab Number: L2171379
Report Date: 01/19/22

SAMPLE RESULTS

Lab ID: L2171379-08
Client ID: FB01_011322
Sample Location: BROOKLYN, NY

Date Collected: 01/13/22 10:40
Date Received: 01/13/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Sulfate	ND		mg/l	10	1.4	1	01/17/22 08:12	01/17/22 08:12	1,9038	MC

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501
Lab Number: L2171379
Report Date: 01/19/22

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1589092-1										
Sulfate	ND		mg/l	10	1.4	1	12/30/21 07:48	12/30/21 07:48	1,9038	MC
General Chemistry - Westborough Lab for sample(s): 02-04,06,08 Batch: WG1594633-1										
Sulfate	ND		mg/l	10	1.4	1	01/17/22 08:12	01/17/22 08:12	1,9038	MC

Lab Control Sample Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2171379

Report Date: 01/19/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1589092-2								
Sulfate	105		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 02-04,06,08 Batch: WG1594633-2								
Sulfate	100		-		90-110	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501

Lab Number: L2171379
Report Date: 01/19/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1589092-4 QC Sample: L2171386-01 Client ID: MS Sample												
Sulfate	15.	40	60	112		-	-		55-147	-		14
General Chemistry - Westborough Lab Associated sample(s): 02-04,06,08 QC Batch ID: WG1594633-4 QC Sample: L2171379-04 Client ID: MW-205_011322												
Sulfate	ND	20	21	105		-	-		55-147	-		14

Lab Duplicate Analysis

Batch Quality Control

Project Name: 805-825 ATLANTIC AVE

Project Number: 170384501

Lab Number: L2171379

Report Date: 01/19/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1589092-3 QC Sample: L2171386-01 Client ID: DUP Sample						
Sulfate	15.	14	mg/l	7		14
General Chemistry - Westborough Lab Associated sample(s): 02-04,06,08 QC Batch ID: WG1594633-3 QC Sample: L2171379-04 Client ID: MW-205_011322						
Sulfate	ND	ND	mg/l	NC		14

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501

Lab Number: L2171379
Report Date: 01/19/22

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
A1	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2171379-01A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2171379-01B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2171379-01C	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2171379-01D	Plastic 120ml unpreserved	A	7	7	3.1	Y	Absent		SO4-9038(28)
L2171379-02A	Vial HCl preserved	A1	NA		5.6	Y	Absent		NYTCL-8260(14)
L2171379-02B	Vial HCl preserved	A1	NA		5.6	Y	Absent		NYTCL-8260(14)
L2171379-02C	Vial HCl preserved	A1	NA		5.6	Y	Absent		NYTCL-8260(14)
L2171379-02D	Plastic 120ml unpreserved	A1	7	7	5.6	Y	Absent		SO4-9038(28)
L2171379-03A	Vial HCl preserved	A1	NA		5.6	Y	Absent		NYTCL-8260(14)
L2171379-03B	Vial HCl preserved	A1	NA		5.6	Y	Absent		NYTCL-8260(14)
L2171379-03C	Vial HCl preserved	A1	NA		5.6	Y	Absent		NYTCL-8260(14)
L2171379-03D	Plastic 120ml unpreserved	A1	7	7	5.6	Y	Absent		SO4-9038(28)
L2171379-04A	Vial HCl preserved	A1	NA		5.6	Y	Absent		NYTCL-8260(14)
L2171379-04A1	Vial HCl preserved	A1	NA		5.6	Y	Absent		NYTCL-8260(14)
L2171379-04A2	Vial HCl preserved	A1	NA		5.6	Y	Absent		NYTCL-8260(14)
L2171379-04B	Vial HCl preserved	A1	NA		5.6	Y	Absent		NYTCL-8260(14)
L2171379-04B1	Vial HCl preserved	A1	NA		5.6	Y	Absent		NYTCL-8260(14)
L2171379-04B2	Vial HCl preserved	A1	NA		5.6	Y	Absent		NYTCL-8260(14)
L2171379-04C	Vial HCl preserved	A1	NA		5.6	Y	Absent		NYTCL-8260(14)
L2171379-04C1	Vial HCl preserved	A1	NA		5.6	Y	Absent		NYTCL-8260(14)
L2171379-04C2	Vial HCl preserved	A1	NA		5.6	Y	Absent		NYTCL-8260(14)
L2171379-04D	Plastic 120ml unpreserved	A1	7	7	5.6	Y	Absent		SO4-9038(28)

*Values in parentheses indicate holding time in days

Project Name: 805-825 ATLANTIC AVE
Project Number: 170384501

Lab Number: L2171379
Report Date: 01/19/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2171379-04D1	Plastic 120ml unpreserved	A1	7	7	5.6	Y	Absent		SO4-9038(28)
L2171379-04D2	Plastic 120ml unpreserved	A1	7	7	5.6	Y	Absent		SO4-9038(28)
L2171379-05A	Vial HCl preserved	A1	NA		5.6	Y	Absent		NYTCL-8260(14)
L2171379-05B	Vial HCl preserved	A1	NA		5.6	Y	Absent		NYTCL-8260(14)
L2171379-05C	Vial HCl preserved	A1	NA		5.6	Y	Absent		NYTCL-8260(14)
L2171379-06D	Plastic 120ml unpreserved	A1	7	7	5.6	Y	Absent		SO4-9038(28)
L2171379-07A	Vial HCl preserved	A1	NA		5.6	Y	Absent		NYTCL-8260(14)
L2171379-07B	Vial HCl preserved	A1	NA		5.6	Y	Absent		NYTCL-8260(14)
L2171379-08A	Vial HCl preserved	A1	NA		5.6	Y	Absent		NYTCL-8260(14)
L2171379-08B	Vial HCl preserved	A1	NA		5.6	Y	Absent		NYTCL-8260(14)
L2171379-08C	Vial HCl preserved	A1	NA		5.6	Y	Absent		NYTCL-8260(14)
L2171379-08D	Plastic 120ml unpreserved	A1	7	7	5.6	Y	Absent		SO4-9038(28)

*Values in parentheses indicate holding time in days

Project Name:	805-825 ATLANTIC AVE	**Lab Number:**	L2171379
Project Number:	170384501	**Report Date:**	01/19/22

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	805-825 ATLANTIC AVE	**Lab Number:**	L2171379
Project Number:	170384501	**Report Date:**	01/19/22

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	805-825 ATLANTIC AVE	**Lab Number:**	L2171379
Project Number:	170384501	**Report Date:**	01/19/22

Data Qualifiers

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: DU Report with 'J' Qualifiers

Project Name:	805-825 ATLANTIC AVE	**Lab Number:**	L2171379
Project Number:	170384501	**Report Date:**	01/19/22

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

ALPHA ANALYTICAL

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193

Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 12/29/21

ALPHA Job #: L2171379

Client Information
Client: Langan, PC
Address:
Phone:
Fax:
Email: kemail@langan.com

Project Information
Project Name: 605 - 625 Atlantic Ave
Project Location: Brooklyn, NY
Project #: 170364501
(Use Project name as Project #) ☐
Project Manager: Kimberly Semen
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☒ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
Please cc kemail@langan.com + datamanagement@langan.com

Please specify Metals or TAL.

ANALYSIS
Part 375 VOCs
Part 375 SVOCs

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Part 375 VOCs	Part 375 SVOCs	Sample Specific Comments
71379-01	FB01-122921	12/29/21	1115	W	MA	+	X	

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
	12/29/21 1310	MSMA (ALPHA)	12/29/21 13:35
MSMA (ALPHA)	12/29/21 17:05	D Richards ALPHA	12/29/21 17:14
D Richards ALPHA	12/29/21		
			12/29/21 2345

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
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NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 1/13/22

ALPHA Job # L2171379

Client Information

Client: Langan, DPC
Address:
Phone:
Fax: lsmail@langan.com
Email: ksemch@langan.com

Project Information

Project Name: 605 Atlantic Ave
Project Location: Brooklyn, NY
Project # 170384501
(Use Project name as Project #)
Project Manager: Kimberly Semch
ALPHAQuote #:

Turn-Around Time

Standard: X
Rush (only if pre approved):
Due Date:
# of Days:

Deliverables

ASP-A: ☐ ASP-B: X
EQuIS (1 File): ☐ EQuIS (4 File): ☐
Other: ☐

Billing Information

Same as Client Info: X
PO #:

Regulatory Requirement

NY TOGS: ☐ NY Part 375: X
AWQ Standards: ☐ NY CP-51: ☐
NY Restricted Use: ☐ Other: ☐
NY Unrestricted Use: ☐
NYC Sewer Discharge: ☐

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
NJ: ☐ NY: ☐
Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please report results with Project L2171379

Please specify Metals or TAL.

ANALYSIS

TCL/PCB 1375 VOCs Soil/Trip Blank

Sample Filtration
Done ☐
Lab to do ☐
Preservation
Lab to do ☐
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Sample Specific Comments
71379-02	MW-203-011322	01/13/22	1030	W	MA	
-03	MW-204-011322		1000			
-04	MW-205-011322		0900			+ MS/MSD
-05	DUP01-011322		—			
-06	DUP02-011322		—			
-07	TB01-011322		1035			
-08	FB01-011322		1040			

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
	01/13/2022 12:20	AAL	1/13/22 12:50
AAL	1/13/22 16:55	AAL	1/13 1930
AAL	1/13		1/13/22 21:30
AAL	1/13/22 23:30		1/13/22 23:30

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