

Technical Report

prepared for:

J.C. Broderick
1775 North Express Drive
Hauppauge NY, 11788
Attention: Steven Muller

Report Date: 10/18/2018
Client Project ID: 18-40469
York Project (SDG) No.: 18I0817

Revision No. 1.0

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

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Report Date: 10/18/2018
Client Project ID: 18-40469
York Project (SDG) No.: 18I0817

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Attention: Steven Muller

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 19, 2018 and listed below. The project was identified as your project: **18-40469**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
18I0817-01	MW-01	Water	09/19/2018	09/19/2018
18I0817-02	MW-02	Water	09/19/2018	09/19/2018
18I0817-03	MW-03	Water	09/19/2018	09/19/2018

General Notes for York Project (SDG) No.: 18I0817

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

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 10/18/2018





Sample Information

Client Sample ID: MW-01

York Sample ID: 1810817-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
1810817	18-40469	Water	September 19, 2018 1:15 pm	09/19/2018

Volatile Organics, 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	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	09/25/2018 07:30	09/25/2018 15:04	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	09/25/2018 07:30	09/25/2018 15:04	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	09/25/2018 07:30	09/25/2018 15:04	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	09/25/2018 07:30	09/25/2018 15:04	SS



Sample Information

Client Sample ID: MW-01

York Sample ID: 1810817-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1810817

18-40469

Water

September 19, 2018 1:15 pm

09/19/2018

Volatile Organics, 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
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
67-64-1	Acetone	1.1	SCAL- E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	09/25/2018 07:30	09/25/2018 15:04	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	09/25/2018 07:30	09/25/2018 15:04	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS



Sample Information

Client Sample ID: MW-01

York Sample ID: 1810817-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1810817

18-40469

Water

September 19, 2018 1:15 pm

09/19/2018

Volatile Organics, 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
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	09/25/2018 07:30	09/25/2018 15:04	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	09/25/2018 07:30	09/25/2018 15:04	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	09/25/2018 07:30	09/25/2018 15:04	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	09/25/2018 07:30	09/25/2018 15:04	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	09/25/2018 07:30	09/25/2018 15:04	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	09/25/2018 07:30	09/25/2018 15:04	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	09/25/2018 07:30	09/25/2018 15:04	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
75-65-0	tert-Butyl alcohol (TBA)	1.2	J	ug/L	0.50	2.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	09/25/2018 07:30	09/25/2018 15:04	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
108-88-3	Toluene	0.43	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS



Sample Information

Client Sample ID: MW-01

York Sample ID: 1810817-01

York Project (SDG) No.

Client Project ID

Matrix

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Date Received

1810817

18-40469

Water

September 19, 2018 1:15 pm

09/19/2018

Volatile Organics, 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
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:04	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	108 %			69-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	99.2 %			81-117						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	108 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-D, EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR



Sample Information

Client Sample ID: MW-01

York Sample ID: 1810817-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1810817

18-40469

Water

September 19, 2018 1:15 pm

09/19/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-D, 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
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
95-48-7	2-Methylphenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
83-32-9	Acenaphthene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:49	SR



Sample Information

Client Sample ID: MW-01

York Sample ID: 1810817-01

York Project (SDG) No.

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Matrix

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Water

September 19, 2018 1:15 pm

09/19/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-D, 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
208-96-8	Acenaphthylene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:49	SR
98-86-2	Acetophenone	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
62-53-3	Aniline	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
120-12-7	Anthracene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:49	SR
1912-24-9	Atrazine	ND		ug/L	0.588	0.588	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:49	SR
100-52-7	Benzaldehyde	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
92-87-5	Benzidine	ND		ug/L	11.8	23.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:49	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:49	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:49	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:49	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:49	SR
65-85-0	Benzoic acid	ND		ug/L	29.4	58.8	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.588	0.588	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:49	SR
105-60-2	Caprolactam	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
86-74-8	Carbazole	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR



Sample Information

Client Sample ID: MW-01

York Sample ID: 1810817-01

York Project (SDG) No.

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Matrix

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Water

September 19, 2018 1:15 pm

09/19/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-D, 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
218-01-9	Chrysene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:49	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:49	SR
132-64-9	Dibenzofuran	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
206-44-0	Fluoranthene	0.0706		ug/L	0.0588	0.0588	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:49	SR
86-73-7	Fluorene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:49	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0235	0.0235	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:49	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.588	0.588	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:49	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
67-72-1	Hexachloroethane	ND		ug/L	0.588	0.588	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:49	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:49	SR
78-59-1	Isophorone	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
91-20-3	Naphthalene	0.259		ug/L	0.0588	0.0588	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:49	SR
98-95-3	Nitrobenzene	ND		ug/L	0.294	0.294	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:49	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.588	0.588	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:49	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.294	0.294	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:49	SR
85-01-8	Phenanthrene	0.0824		ug/L	0.0588	0.0588	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:49	SR



Sample Information

Client Sample ID: MW-01

York Sample ID: 1810817-01

York Project (SDG) No.

Client Project ID

Matrix

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1810817

18-40469

Water

September 19, 2018 1:15 pm

09/19/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-D, EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:41	SR
129-00-0	Pyrene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:49	SR
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	49.2 %			19.7-63.1						
4165-62-2	Surrogate: SURR: Phenol-d5	34.6 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	66.4 %			50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	62.0 %			39.9-105						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	91.2 %			39.3-151						
1718-51-0	Surrogate: SURR: Terphenyl-d14	59.9 %			30.7-106						

Hardness, total (as CaCO3)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Hardness, Total	242		mg/L	1.11	1	EPA 200.7 Certifications: NELAC-NY10854,CTDOH,NJDEP	09/20/2018 13:15	09/21/2018 15:45	KML

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	2.05		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:43	KML
7440-39-3	Barium	0.213		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:43	KML
7440-70-2	Calcium	72.2		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:43	KML
7440-47-3	Chromium	0.0151		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:43	KML
7440-48-4	Cobalt	0.0217		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:43	KML
7440-50-8	Copper	0.0433		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:43	KML
7439-89-6	Iron	3.28		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:43	KML
7439-92-1	Lead	0.0103		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:43	KML
7439-95-4	Magnesium	14.3		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:43	KML
7439-96-5	Manganese	2.22		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:43	KML



Sample Information

Client Sample ID: MW-01

York Sample ID: 18I0817-01

York Project (SDG) No.

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18I0817

18-40469

Water

September 19, 2018 1:15 pm

09/19/2018

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
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:43	KML
7440-09-7	Potassium	13.5		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:43	KML
7782-49-2	Selenium	ND		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:43	KML
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:43	KML
7440-23-5	Sodium	899		mg/L	0.556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:43	KML
7440-62-2	Vanadium	0.0181		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:43	KML
7440-66-6	Zinc	0.0824		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:43	KML

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:20	KML
7440-39-3	Barium	0.199		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:20	KML
7440-70-2	Calcium	70.9		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:20	KML
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:20	KML
7440-48-4	Cobalt	0.0150		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:20	KML
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:20	KML
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:20	KML
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:20	KML
7439-95-4	Magnesium	14.2		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:20	KML
7439-96-5	Manganese	2.15		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:20	KML
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:20	KML
7440-09-7	Potassium	13.3		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:20	KML
7782-49-2	Selenium	ND		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:20	KML



Sample Information

Client Sample ID: MW-01

York Sample ID: 1810817-01

York Project (SDG) No.

Client Project ID

Matrix

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1810817

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Water

September 19, 2018 1:15 pm

09/19/2018

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
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:20	KML
7440-23-5	Sodium	907		mg/L	0.556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:20	KML
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:20	KML
7440-66-6	Zinc	1.04		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:20	KML

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2018 13:56	10/16/2018 13:18	BML
7440-38-2	Arsenic	4.78		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2018 13:56	10/16/2018 13:18	BML
7440-41-7	Beryllium	0.346		ug/L	0.333	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2018 13:56	10/16/2018 13:18	BML
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2018 13:56	10/16/2018 13:18	BML
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2018 13:56	10/16/2018 13:18	BML

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2018 13:57	10/16/2018 12:47	BML
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2018 13:57	10/16/2018 12:47	BML
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2018 13:57	10/16/2018 12:47	BML
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2018 13:57	10/16/2018 12:47	BML
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2018 13:57	10/16/2018 12:47	BML

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
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Sample Information

Client Sample ID: MW-01

York Sample ID: 1810817-01

York Project (SDG) No.

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Water

September 19, 2018 1:15 pm

09/19/2018

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	09/20/2018 10:42	09/20/2018 16:44	SY
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473	09/20/2018 09:41	09/20/2018 10:59	SY
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Dissolved Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Dissolved Solids	2600		mg/L	10.0	1	SM 2540C	09/21/2018 16:18	09/24/2018 18:01	AA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Bromide

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
24959-67-9	Bromide	ND		mg/L	0.200	1	EPA 300.0	09/20/2018 20:35	09/20/2018 20:35	TJD
							Certifications:	NELAC-NY10854,NJDEP,PADEP		

Chloride

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16887-00-6	Chloride	1450		mg/L	25.0	50	EPA 300.0	09/24/2018 22:18	09/24/2018 22:18	TJM
							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	0.292		mg/L	0.0500	1	EPA 300.0	09/20/2018 20:35	09/20/2018 20:35	TJD
							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



Sample Information

Client Sample ID: MW-01

York Sample ID: 1810817-01

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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	28.9		mg/L	1.00	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/20/2018 20:35	09/20/2018 20:35	TJD

Alkalinity, 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
	Alkalinity, total	52		mg/L	2.0	1	SM 2320B Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/25/2018 08:47	09/27/2018 12:04	AD

Ammonia Nitrogen as N

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
7664-41-7	Ammonia Nitrogen as N	0.272		mg/L	0.0500	1	SM 4500-NH3 D Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/20/2018 10:26	09/20/2018 19:42	TJD

Biochemical Oxygen Demand (BOD) 5-Day

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Biochemical Oxygen Demand (BOD) (5-Day)	23		mg/L	4.1	4.08	SM 5210 B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2018 11:20	09/25/2018 11:16	PAM

Chemical Oxygen Demand (COD)

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
	Chemical Oxygen Demand (COD)	640		mg/L	10	1	SM 5220 D Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/20/2018 16:52	09/23/2018 01:25	AA

Color, Apparent

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
	Color	4000		Color Units (Pt-Co)	5.00	1	SM 2120B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2018 07:57	09/21/2018 08:56	AD
	* pH	6.48		Color Units (Pt-Co)	0.500	1	SM 2120B Certifications:	09/21/2018 07:57	09/21/2018 08:56	AD

Phenols, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
64743-03-9	Phenols, total	ND		mg/L	0.0500	1	EPA 420.1/2 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/25/2018 11:03	09/25/2018 16:10	TJM



Sample Information

Client Sample ID: MW-01

York Sample ID: 1810817-01

York Project (SDG) No. 1810817 Client Project ID 18-40469 Matrix Water Collection Date/Time September 19, 2018 1:15 pm Date Received 09/19/2018

Total Kjeldahl Nitrogen

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Prep for SAA

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: Total Kjeldahl Nitrogen, 2.92, mg/L, 0.400, 1, SM 4500-N Org D, 09/24/2018 15:17, 09/25/2018 12:59, AD. Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP

Total Organic Carbon

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: Total Organic Carbon (TOC), 16.2, mg/L, 1.00, 1, SM 5310C, 09/20/2018 08:25, 09/20/2018 15:41, AD. Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP

Sample Information

Client Sample ID: MW-02

York Sample ID: 1810817-02

York Project (SDG) No. 1810817 Client Project ID 18-40469 Matrix Water Collection Date/Time September 19, 2018 2:35 pm Date Received 09/19/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include 630-20-6, 71-55-6, 79-34-5, 76-13-1, 79-00-5, 75-34-3, 75-35-4, 87-61-6, 96-18-4, 120-82-1.



Sample Information

Client Sample ID: MW-02

York Sample ID: 1810817-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

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Water

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09/19/2018

Volatile Organics, 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
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:36	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:36	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:36	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:36	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:36	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:36	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:36	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:36	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:36	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	09/25/2018 07:30	09/25/2018 15:36	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:36	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:36	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:36	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:36	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:36	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:36	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:36	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	09/25/2018 07:30	09/25/2018 15:36	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:36	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:36	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:36	SS



Sample Information

Client Sample ID: MW-02

York Sample ID: 1810817-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

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Water

September 19, 2018 2:35 pm

09/19/2018

Volatile Organics, 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
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:36	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:36	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:36	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:36	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:36	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:36	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:36	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:36	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	09/25/2018 07:30	09/25/2018 15:36	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:36	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	09/25/2018 07:30	09/25/2018 15:36	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	09/25/2018 07:30	09/25/2018 15:36	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:36	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	09/25/2018 07:30	09/25/2018 15:36	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:36	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	09/25/2018 07:30	09/25/2018 15:36	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:36	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	09/25/2018 07:30	09/25/2018 15:36	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:36	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:36	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:36	SS



Sample Information

Client Sample ID: MW-02

York Sample ID: 1810817-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1810817

18-40469

Water

September 19, 2018 2:35 pm

09/19/2018

Volatile Organics, 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
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	09/25/2018 07:30	09/25/2018 15:36	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	09/25/2018 07:30	09/25/2018 15:36	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:36	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:36	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:36	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	09/25/2018 07:30	09/25/2018 15:36	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:36	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:36	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:36	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:36	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:36	SS
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:36	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:36	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:36	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:36	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 15:36	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	110 %			69-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	97.3 %			81-117						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	104 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-D, EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 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



Sample Information

Client Sample ID: MW-02

York Sample ID: 1810817-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1810817

18-40469

Water

September 19, 2018 2:35 pm

09/19/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-D, EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:11	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:11	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:11	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	09/25/2018 07:58	09/25/2018 17:11	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:11	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	09/25/2018 07:58	09/25/2018 17:11	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	09/25/2018 07:58	09/25/2018 17:11	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:11	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:11	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:11	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:11	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:11	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:11	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:11	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:11	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:11	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:11	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:11	SR
95-48-7	2-Methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:11	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:11	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:11	SR



Sample Information

Client Sample ID: MW-02

York Sample ID: 1810817-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1810817

18-40469

Water

September 19, 2018 2:35 pm

09/19/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-D, EXT-EM

Sample Prepared by Method: EPA 3510C

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Contains 25 rows of chemical analysis data.



Sample Information

Client Sample ID: MW-02

York Sample ID: 1810817-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1810817

18-40469

Water

September 19, 2018 2:35 pm

09/19/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-D, 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
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 18:20	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 18:20	SR
65-85-0	Benzoic acid	ND		ug/L	27.8	55.6	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:11	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:11	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:11	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:11	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:11	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:11	SR
117-81-7	Bis(2-ethylhexyl)phthalate	0.644	B	ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 18:20	SR
105-60-2	Caprolactam	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:11	SR
86-74-8	Carbazole	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:11	SR
218-01-9	Chrysene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 18:20	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 18:20	SR
132-64-9	Dibenzofuran	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:11	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:11	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:11	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:11	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:11	SR
206-44-0	Fluoranthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 18:20	SR
86-73-7	Fluorene	0.689		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 18:20	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0222	0.0222	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 18:20	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 18:20	SR



Sample Information

Client Sample ID: MW-02

York Sample ID: 1810817-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1810817

18-40469

Water

September 19, 2018 2:35 pm

09/19/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-D, 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	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:11	SR
67-72-1	Hexachloroethane	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 18:20	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 18:20	SR
78-59-1	Isophorone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:11	SR
91-20-3	Naphthalene	0.111		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 18:20	SR
98-95-3	Nitrobenzene	ND		ug/L	0.278	0.278	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 18:20	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 18:20	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:11	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:11	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.278	0.278	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 18:20	SR
85-01-8	Phenanthrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 18:20	SR
108-95-2	Phenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 17:11	SR
129-00-0	Pyrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 18:20	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: SURRE: 2-Fluorophenol	48.8 %	19.7-63.1
4165-62-2	Surrogate: SURRE: Phenol-d5	35.0 %	10.1-41.7
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	64.6 %	50.2-113
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	61.2 %	39.9-105
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	87.5 %	39.3-151
1718-51-0	Surrogate: SURRE: Terphenyl-d14	50.8 %	30.7-106

Hardness, total (as CaCO3)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Hardness, Total	154		mg/L	1.11	1	EPA 200.7 Certifications: NELAC-NY10854,CTDOH,NJDEP	09/20/2018 13:15	09/21/2018 15:48	KML



Sample Information

Client Sample ID: MW-02

York Sample ID: 18I0817-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18I0817

18-40469

Water

September 19, 2018 2:35 pm

09/19/2018

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
7429-90-5	Aluminum	1.04		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:47	KML
7440-39-3	Barium	0.129		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:47	KML
7440-70-2	Calcium	47.1		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:47	KML
7440-47-3	Chromium	0.00684		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:47	KML
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:47	KML
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:47	KML
7439-89-6	Iron	1.87		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:47	KML
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:47	KML
7439-95-4	Magnesium	7.47		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:47	KML
7439-96-5	Manganese	0.215		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:47	KML
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:47	KML
7440-09-7	Potassium	6.62		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:47	KML
7782-49-2	Selenium	ND		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:47	KML
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:47	KML
7440-23-5	Sodium	368		mg/L	0.556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:47	KML
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:47	KML
7440-66-6	Zinc	0.0511		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:47	KML

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	0.0619		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:24	KML
7440-39-3	Barium	0.113		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:24	KML
7440-70-2	Calcium	47.8		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:24	KML



Sample Information

Client Sample ID: MW-02

York Sample ID: 1810817-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1810817

18-40469

Water

September 19, 2018 2:35 pm

09/19/2018

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
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:24	KML
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:24	KML
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:24	KML
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:24	KML
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:24	KML
7439-95-4	Magnesium	7.50		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:24	KML
7439-96-5	Manganese	0.190		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:24	KML
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:24	KML
7440-09-7	Potassium	6.77		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:24	KML
7782-49-2	Selenium	ND		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:24	KML
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:24	KML
7440-23-5	Sodium	381		mg/L	0.556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:24	KML
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:24	KML
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:24	KML

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2018 13:56	10/16/2018 13:22	BML
7440-38-2	Arsenic	2.59		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2018 13:56	10/16/2018 13:22	BML
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2018 13:56	10/16/2018 13:22	BML
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2018 13:56	10/16/2018 13:22	BML
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2018 13:56	10/16/2018 13:22	BML



Sample Information

Client Sample ID: MW-02

York Sample ID: 18I0817-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18I0817

18-40469

Water

September 19, 2018 2:35 pm

09/19/2018

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		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2018 13:57	10/16/2018 12:51	BML
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2018 13:57	10/16/2018 12:51	BML
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2018 13:57	10/16/2018 12:51	BML
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2018 13:57	10/16/2018 12:51	BML
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2018 13:57	10/16/2018 12:51	BML

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 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2018 10:42	09/20/2018 16:55	SY

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	0.000200	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2018 09:41	09/20/2018 11:10	SY

Total Dissolved Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Dissolved Solids	1240		mg/L	10.0	1	SM 2540C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/21/2018 16:18	09/24/2018 18:01	AA

Bromide

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
24959-67-9	Bromide	ND		mg/L	0.200	1	EPA 300.0 Certifications: NELAC-NY10854,NJDEP,PADEP	09/20/2018 21:27	09/20/2018 21:27	TJD

Chloride

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

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

Client Sample ID: MW-02

York Sample ID: 1810817-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1810817

18-40469

Water

September 19, 2018 2:35 pm

09/19/2018

Chloride

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16887-00-6	Chloride	571		mg/L	10.0	20	EPA 300.0 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/22/2018 15:18	09/22/2018 15:18	TJD

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	1.03		mg/L	0.0500	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/20/2018 21:27	09/20/2018 21:27	TJD

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	18.6		mg/L	1.00	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/20/2018 21:27	09/20/2018 21:27	TJD

Alkalinity, 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
	Alkalinity, total	64		mg/L	2.0	1	SM 2320B Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/25/2018 08:47	09/27/2018 12:04	AD

Ammonia Nitrogen as N

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
7664-41-7	Ammonia Nitrogen as N	ND		mg/L	0.0500	1	SM 4500-NH3 D Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/20/2018 10:26	09/20/2018 19:42	TJD

Biochemical Oxygen Demand (BOD) 5-Day

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Biochemical Oxygen Demand (BOD) (5-Day)	22		mg/L	4.1	4.08	SM 5210 B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2018 11:20	09/25/2018 11:16	PAM

Chemical Oxygen Demand (COD)

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
	Chemical Oxygen Demand (COD)	400		mg/L	10	1	SM 5220 D Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/20/2018 16:52	09/23/2018 01:25	AA



Sample Information

Client Sample ID: MW-02 **York Sample ID:** 1810817-02
York Project (SDG) No. 1810817 **Client Project ID** 18-40469 **Matrix** Water **Collection Date/Time** September 19, 2018 2:35 pm **Date Received** 09/19/2018

Color, Apparent

Sample Prepared by Method: Analysis Preparation

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Color	3000		Color Units (Pt-Co)	5.00	1	SM 2120B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2018 07:57	09/21/2018 08:56	AD
	* pH	6.57		Color Units (Pt-Co)	0.500	1	SM 2120B Certifications:	09/21/2018 07:57	09/21/2018 08:56	AD

Phenols, total

Sample Prepared by Method: Analysis Preparation

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
64743-03-9	Phenols, total	ND		mg/L	0.0500	1	EPA 420.1/2 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/25/2018 11:03	09/25/2018 16:10	TJM

Total Kjeldahl Nitrogen

Sample Prepared by Method: Analysis Prep for SAA

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Kjeldahl Nitrogen	1.29		mg/L	0.400	1	SM 4500-N Org D Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/24/2018 15:17	09/25/2018 12:59	AD

Total Organic Carbon

Sample Prepared by Method: Analysis Preparation

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Organic Carbon (TOC)	14.1		mg/L	1.00	1	SM 5310C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/20/2018 08:25	09/20/2018 15:41	AD

Sample Information

Client Sample ID: MW-03 **York Sample ID:** 1810817-03
York Project (SDG) No. 1810817 **Client Project ID** 18-40469 **Matrix** Water **Collection Date/Time** September 19, 2018 3:35 pm **Date Received** 09/19/2018

Volatile Organics, 8260 - Comprehensive

Sample Prepared by Method: EPA 5030B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS



Sample Information

Client Sample ID: MW-03

York Sample ID: 1810817-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1810817

18-40469

Water

September 19, 2018 3:35 pm

09/19/2018

Volatile Organics, 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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	09/25/2018 07:30	09/25/2018 16:08	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	09/25/2018 07:30	09/25/2018 16:08	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	09/25/2018 07:30	09/25/2018 16:08	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	09/25/2018 07:30	09/25/2018 16:08	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
67-64-1	Acetone	1.8	SCAL- E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS



Sample Information

Client Sample ID: MW-03

York Sample ID: 1810817-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1810817

18-40469

Water

September 19, 2018 3:35 pm

09/19/2018

Volatile Organics, 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
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	09/25/2018 07:30	09/25/2018 16:08	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	09/25/2018 07:30	09/25/2018 16:08	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	09/25/2018 07:30	09/25/2018 16:08	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	09/25/2018 07:30	09/25/2018 16:08	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	09/25/2018 07:30	09/25/2018 16:08	SS



Sample Information

Client Sample ID: MW-03

York Sample ID: 1810817-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1810817

18-40469

Water

September 19, 2018 3:35 pm

09/19/2018

Volatile Organics, 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
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	09/25/2018 07:30	09/25/2018 16:08	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	09/25/2018 07:30	09/25/2018 16:08	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	09/25/2018 07:30	09/25/2018 16:08	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	09/25/2018 07:30	09/25/2018 16:08	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	09/25/2018 07:30	09/25/2018 16:08	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
108-88-3	Toluene	0.29	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS



Sample Information

Client Sample ID: MW-03

York Sample ID: 1810817-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1810817

18-40469

Water

September 19, 2018 3:35 pm

09/19/2018

Volatile Organics, 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	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	09/25/2018 07:30	09/25/2018 16:08	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	108 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	99.0 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	110 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR



Sample Information

Client Sample ID: MW-03

York Sample ID: 1810817-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1810817

18-40469

Water

September 19, 2018 3:35 pm

09/19/2018

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
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
95-48-7	2-Methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
83-32-9	Acenaphthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/26/2018 08:57	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/26/2018 08:57	SR
98-86-2	Acetophenone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
62-53-3	Aniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR



Sample Information

Client Sample ID: MW-03

York Sample ID: 1810817-03

York Project (SDG) No.

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Matrix

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Water

September 19, 2018 3:35 pm

09/19/2018

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
120-12-7	Anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/26/2018 08:57	SR
1912-24-9	Atrazine	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/26/2018 08:57	SR
100-52-7	Benzaldehyde	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
92-87-5	Benzidine	ND		ug/L	10.5	21.1	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/26/2018 08:57	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/26/2018 08:57	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/26/2018 08:57	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/26/2018 08:57	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/26/2018 08:57	SR
65-85-0	Benzoic acid	ND		ug/L	26.3	52.6	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/26/2018 08:57	SR
105-60-2	Caprolactam	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
86-74-8	Carbazole	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
218-01-9	Chrysene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/26/2018 08:57	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/26/2018 08:57	SR
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR



Sample Information

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Water

September 19, 2018 3:35 pm

09/19/2018

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
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
206-44-0	Fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/26/2018 08:57	SR
86-73-7	Fluorene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/26/2018 08:57	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	0.0211	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/26/2018 08:57	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/26/2018 08:57	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
67-72-1	Hexachloroethane	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/26/2018 08:57	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/26/2018 08:57	SR
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
91-20-3	Naphthalene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/26/2018 08:57	SR
98-95-3	Nitrobenzene	ND		ug/L	0.263	0.263	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/26/2018 08:57	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/26/2018 08:57	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.263	0.263	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/26/2018 08:57	SR
85-01-8	Phenanthrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/26/2018 08:57	SR
108-95-2	Phenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/25/2018 16:11	SR
129-00-0	Pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2018 07:58	09/26/2018 08:57	SR

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: MW-03

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York Project (SDG) No.

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1810817

18-40469

Water

September 19, 2018 3:35 pm

09/19/2018

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
367-12-4	Surrogate: SURR: 2-Fluorophenol	29.1 %			19.7-63.1						
4165-62-2	Surrogate: SURR: Phenol-d5	17.7 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	64.9 %			50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	61.1 %			39.9-105						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	75.3 %			39.3-151						
1718-51-0	Surrogate: SURR: Terphenyl-d14	47.2 %			30.7-106						

Hardness, total (as CaCO3)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Hardness, Total	218		mg/L	1.11	1	EPA 200.7 Certifications: NELAC-NY10854,CTDOH,NJDEP	09/20/2018 13:15	09/21/2018 15:50	KML

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	7.76		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:50	KML
7440-39-3	Barium	0.166		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:50	KML
7440-70-2	Calcium	72.1		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:50	KML
7440-47-3	Chromium	0.0805		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:50	KML
7440-48-4	Cobalt	0.0325		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:50	KML
7440-50-8	Copper	0.189		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:50	KML
7439-89-6	Iron	21.8		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:50	KML
7439-92-1	Lead	0.0118		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:50	KML
7439-95-4	Magnesium	7.53		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:50	KML
7439-96-5	Manganese	2.06		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:50	KML
7440-02-0	Nickel	0.0326		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:50	KML
7440-09-7	Potassium	6.12		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:50	KML
7782-49-2	Selenium	ND		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:50	KML



Sample Information

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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 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:50	KML
7440-23-5	Sodium	15.9		mg/L	0.556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:50	KML
7440-62-2	Vanadium	0.0315		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:50	KML
7440-66-6	Zinc	0.124		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:47	10/15/2018 11:50	KML

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:34	KML
7440-39-3	Barium	0.0430		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:34	KML
7440-70-2	Calcium	59.4		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:34	KML
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:34	KML
7440-48-4	Cobalt	0.0105		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:34	KML
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:34	KML
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:34	KML
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:34	KML
7439-95-4	Magnesium	6.42		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:34	KML
7439-96-5	Manganese	1.53		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:34	KML
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:34	KML
7440-09-7	Potassium	4.69		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:34	KML
7782-49-2	Selenium	ND		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:34	KML
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:34	KML
7440-23-5	Sodium	15.9		mg/L	0.556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:34	KML
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:34	KML



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Water

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09/19/2018

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
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/12/2018 16:49	10/15/2018 11:34	KML

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2018 13:56	10/16/2018 13:27	BML
7440-38-2	Arsenic	16.1		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2018 13:56	10/16/2018 13:27	BML
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2018 13:56	10/16/2018 13:27	BML
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2018 13:56	10/16/2018 13:27	BML
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2018 13:56	10/16/2018 13:27	BML

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2018 13:57	10/16/2018 13:05	BML
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2018 13:57	10/16/2018 13:05	BML
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2018 13:57	10/16/2018 13:05	BML
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2018 13:57	10/16/2018 13:05	BML
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2018 13:57	10/16/2018 13:05	BML

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 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2018 10:42	09/20/2018 17:07	SY



Sample Information

Client Sample ID: MW-03

York Sample ID: 1810817-03

York Project (SDG) No.

1810817

Client Project ID

18-40469

Matrix

Water

Collection Date/Time

September 19, 2018 3:35 pm

Date Received

09/19/2018

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	0.000200	1	EPA 7473	09/20/2018 09:41	09/20/2018 11:21	SY
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Dissolved Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Dissolved Solids	311		mg/L	10.0	1	SM 2540C	09/21/2018 16:18	09/24/2018 18:01	AA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Bromide

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
24959-67-9	Bromide	ND		mg/L	0.200	1	EPA 300.0	09/20/2018 21:45	09/20/2018 21:45	TJD
							Certifications:	NELAC-NY10854,NJDEP,PADEP		

Chloride

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16887-00-6	Chloride	24.5		mg/L	0.500	1	EPA 300.0	09/20/2018 21:45	09/20/2018 21:45	TJD
							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	4.98		mg/L	0.0500	1	EPA 300.0	09/20/2018 21:45	09/20/2018 21:45	TJD
							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	31.1		mg/L	1.00	1	EPA 300.0	09/20/2018 21:45	09/20/2018 21:45	TJD
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Alkalinity, 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
	Alkalinity, total	150		mg/L	2.0	1	SM 2320B	09/25/2018 08:47	09/27/2018 12:04	AD
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		



Sample Information

Client Sample ID: MW-03

York Sample ID: 1810817-03

York Project (SDG) No.

1810817

Client Project ID

18-40469

Matrix

Water

Collection Date/Time

September 19, 2018 3:35 pm

Date Received

09/19/2018

Ammonia Nitrogen as N

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
7664-41-7	Ammonia Nitrogen as N	0.539		mg/L	0.0500	1	SM 4500-NH3 D Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/20/2018 10:26	09/20/2018 19:42	TJD

Biochemical Oxygen Demand (BOD) 5-Day

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Biochemical Oxygen Demand (BOD) (5-Day)	7.0		mg/L	4.1	4.08	SM 5210 B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/20/2018 11:20	09/25/2018 11:16	PAM

Chemical Oxygen Demand (COD)

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
	Chemical Oxygen Demand (COD)	360		mg/L	10	1	SM 5220 D Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/20/2018 16:52	09/23/2018 01:25	AA

Color, Apparent

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
	Color	30000		Color Units (Pt-Co)	5.00	1	SM 2120B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/21/2018 07:57	09/21/2018 08:56	AD
	* pH	6.50		Color Units (Pt-Co)	0.500	1	SM 2120B Certifications:	09/21/2018 07:57	09/21/2018 08:56	AD

Phenols, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
64743-03-9	Phenols, total	ND		mg/L	0.0500	1	EPA 420.1/2 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/25/2018 11:03	09/25/2018 16:10	TJM

Total Kjeldahl Nitrogen

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Prep for SAA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Kjeldahl Nitrogen	6.68		mg/L	0.400	1	SM 4500-N Org D Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/24/2018 15:17	09/25/2018 12:59	AD

Total Organic Carbon

Log-in Notes:

Sample Notes:

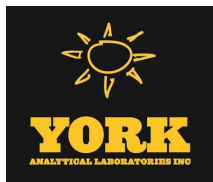
Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Organic Carbon (TOC)	8.61		mg/L	1.00	1	SM 5310C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/20/2018 08:25	09/20/2018 15:41	AD



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18I0817-01	MW-01	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18I0817-02	MW-02	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18I0817-03	MW-03	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.
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-01	The spike recovery for this QC sample is outside of established control limits due to sample matrix interference.
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.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
EXT-D	The sample submitted contained sediment. The aqueous portion was decanted off, the volume measured and used for the extraction. The sediment was not included in the extraction.
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 the Total and Dissolved metals data.



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 Stratford, CT 06615
 clientservices@yorklab.com
 www.yorklab.com



Field Chain-of-Custody Record

YORK Project No.
 18-10817

Page 1 of 4

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.

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time			
Company: KROBERICK ASSOC.	Company: JCB	Company: JCB	Company: JCB	Company: JCB	Company: JCB	18-40469	18-40469	RUSH - Next Day			
Address: 1775 EXPRESSWAY DR. N HAUPPAUSE, NY 11788	Address: [Blank]	Address: [Blank]	Address: [Blank]	Address: [Blank]	Address: [Blank]			RUSH - Two Day			
Phone: 631-584-5472	Phone: [Blank]	Phone: [Blank]	Phone: [Blank]	Phone: [Blank]	Phone: [Blank]			RUSH - Three Day			
Contact: STEVEN MUMER	Contact: [Blank]	Contact: [Blank]	Contact: [Blank]	Contact: [Blank]	Contact: [Blank]			RUSH - Four Day			
E-mail: SMUMER@KROBERICK.COM	E-mail: [Blank]	E-mail: [Blank]	E-mail: [Blank]	E-mail: [Blank]	E-mail: [Blank]			Standard (5-7 Day)	X		
<p>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.</p> <p>Jessica Bluth (Walden)</p> <p>Samples collected by: (print your name above and sign below)</p> <p><i>Jessica Bluth</i></p>		<p>Matrix Codes</p> <p>S - soil / solid</p> <p>GW - groundwater</p> <p>DW - drinking water</p> <p>WW - wastewater</p> <p>O - Oil ; Other</p>		<p>Samples From</p> <p>New York</p> <p>New Jersey</p> <p>Connecticut</p> <p>Pennsylvania</p> <p>Other</p>		<p>Report / EDD Type (circle selections)</p> <p>Summary Report <input checked="" type="checkbox"/></p> <p>QA Report</p> <p>NY ASP A Package</p> <p>NY ASP B Package</p> <p>Other:</p>		<p>YORK Reg. Comp.</p> <p>Compared to the following Regulation(s): (please fill in)</p>		<p>Container Description</p>	
<p>Sample Identification</p> <p>NW-01</p>		<p>Sample Matrix</p> <p>GW</p>		<p>Date/Time Sampled</p> <p>9/19/18 1315</p>		<p>Analysis Requested</p> <p>VSEPA TCL VOCs</p> <p>VSEPA 8260 8270 SVOCs</p> <p>VSEPA TAL METALS DISSOLVED</p> <p>VSEPA TAL METALS TOTAL</p> <p>ALKALINITY</p> <p>BOD5, BROMIDE, CHLORIDE, COLOR, NITRATE, SULFATE, TDS</p> <p>TOTAL ORGANIC CARBON</p> <p>PHENOLS, TOTAL</p> <p>AMMONIA, TKN, COD</p>		<p>3-40 ml</p> <p>1-LTR GLASS</p> <p>250 ml PLASTIC</p> <p>250 ml PLASTIC</p> <p>250 ml PLASTIC</p> <p>1-LTR. PLASTIC</p> <p>2-40 ml</p> <p>1-LTR GLASS</p> <p>2-50ml PLASTIC</p>		<p>Special Instruction</p> <p>Field Filtered Lab to Filter X</p>	
<p>Comments:</p>		<p>Preservation: (check all that apply)</p> <p>HCl <input checked="" type="checkbox"/> MeOH <input checked="" type="checkbox"/> HNO3 <input checked="" type="checkbox"/> H2SO4 <input checked="" type="checkbox"/> NaOH <input checked="" type="checkbox"/> ZnAc <input checked="" type="checkbox"/></p> <p>Ascorbic Acid <input type="checkbox"/> Other: <input type="checkbox"/></p>		<p>Date/Time</p> <p>9/19/18 1605</p>		<p>Date/Time</p> <p>9/19/18 1800</p>		<p>Date/Time</p> <p>9/19/18 1800</p>		<p>Date/Time</p> <p>9/19/18 1800</p>	
<p>Samples Relinquished by / Company</p> <p><i>Jessica Bluth</i></p>		<p>Samples Received by / Company</p> <p>KB at York</p>		<p>Samples Relinquished by / Company</p> <p>[Blank]</p>		<p>Samples Received by / Company</p> <p>Msak York</p>		<p>Samples Relinquished by / Company</p> <p>[Blank]</p>		<p>Samples Received by / Company</p> <p>[Blank]</p>	
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